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# COTTON QUALITY CROP OF 1983



**UNITED STATES DEPARTMENT OF AGRICULTURE**  
**Agricultural Marketing Service    Cotton Division**  
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## COTTON QUALITY - UNITED STATES

### 1983 Crop

The 1983 United States upland cotton crop contained the largest percentage of grades 41 and higher of any crop since 1980, according to the Cotton Division, Agricultural Marketing Service, USDA. Grade 41 was the predominant grade, accounting for 29 percent of ginnings. All white grades, at 60 percent, made up the third smallest proportion in these grades since records began in 1938. Average staple was 34.3 thirty-seconds inches, down slightly from the previous year but the second longest average since records began with the 1940 crop. Cotton in the 35-49 mike range accounted for 84 percent of ginnings, down from 88 percent the previous year. Average mike was 42, the same as last year. Average fiber strength in grams per tex was 25.7, the strongest since records were established in 1980. The 1983 crop was the smallest in 16 years.

Grade. Grade 41 was the predominant grade of upland cotton ginned from the 1983 crop. This grade accounted for 29 percent of ginnings, the largest proportion since the crop of 1978, and compares with 27 percent in 1982 and 21 percent in 1981. White grades 31 and higher made up 15 percent of ginnings against 14 percent a year earlier and 18 percent two years ago. Grades 41 and higher accounted for 48 percent of ginnings, the largest proportion in these white grades since 1980 and compares with 44 percent last year and 42 percent two years ago. All white grades made up 60 percent of ginnings this season. This was the third smallest proportion in all white grades since records began in 1938 and compares with 63 percent a year earlier and 53 percent in 1981. Light Spotted grades comprised 29 percent, down from 31 percent in 1982 and 40 percent in 1981. Spotted grades made up 7 percent, up from 4 percent last year and 5 percent two years ago. Below Grades accounted for 3 percent of ginnings this season, the largest proportion since records began in 1938. This compares with 2 percent the two previous years.

Staple. The average staple length of upland cotton ginned from the 1983 crop was 34.3 thirty-seconds inches. This was down from 34.5 a year earlier but the second longest average since records began in 1940. Staple 35, the predominant length, comprised 34 percent of ginnings. In 1982, the predominant length was staple 36 at 37 percent. Staple 35 was predominant in 1981 at 29 percent. Staples 31 and shorter accounted for 11 percent of ginnings, the smallest proportion since 1974 and compares with 13 percent and 19 percent in 1982 and 1981, respectively. Staples 32 and 33 totaled 13 percent against 10 percent last year and 19 percent two years ago. Staples 34 and 35 made up 48 percent of ginnings, up from 39 percent in 1982 and 47 percent in 1981. Staples 36 and longer accounted for 28 percent, the second largest on record, and compares with 38 percent a year ago and 15 percent two years ago.

Mike. Upland cotton in the mike 35-49 range accounted for 84 percent of ginnings from the 1983 crop. This was down from 88 percent a year ago but up from 74 percent in 1981. About 10 percent of ginnings miked 34 and lower against 7 percent a year earlier and 18 percent two years ago. Cotton with mike 50 and higher accounted for 7 percent compared with 5 percent in 1982 and 8 percent in 1981. Average mike this season was 42, the same as a year earlier and up from 41 two years ago.

Strength. The average fiber strength for upland cotton ginned from the 1983 crop was 25.7 grams per tex. This was the strongest average since records were established in 1980 and compares with 25.6 a year earlier and 24.1 two years ago. Strengths in the 19 and lower range accounted for less than 1 percent of ginnings this season compared with 1 percent in 1982 and 2 percent in 1981. About 18 percent of ginnings had strengths in the 20 to 23 range, down from 19 percent a year ago and 43 percent two years ago. Cotton with strengths of 24 to 27 grams per tex accounted for 59 percent, up from 58 percent last year and 44 percent in 1981. Strengths in the 28 and higher range made up 23 percent, up from 22 percent a year earlier and 11 percent two years ago.

American Pima cotton ginned from the 1983 crop contained a larger proportion of higher grades than last season but a smaller proportion of longer staples. Grades 4 and higher accounted for 68 percent of ginnings, up from 62 percent a year earlier. Grade 4 was the predominant grade both years, accounting for 57 percent in 1983 and 43 percent in 1982. Grades 5 and lower made up 32 percent of ginnings this season against 38 percent in 1982. Staples 46 and longer made up 91 percent of ginnings from the 1983 crop compared with 94 percent in 1982. The average staple length was 45.8 thirty-seconds inches against 45.9 a year ago. Average mike was 38 compared with 37 for the 1982 crop.

Ginnings of 1983-crop cotton in the United States totaled 7,504,236 running bales, according to the Bureau of the Census. This total includes 7,413,334 bales of upland and 90,902 bales of American Pima cotton. This was the smallest crop since 1967 and compares with 11,526,035 bales in 1982.

June 20, 1984







Table 2. -- Grade and staple of upland cotton ginned in the United States, 1982-83

Grade	Staple														All staples	
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	Bales	Percent
White:																
11	-	-	4	3	19	5	7	16	21	16	3	-	-	-	94	*
21	22	70	309	3,231	15,669	5,032	1,582	7,150	23,417	19,416	835	37	-	-	76,770	0.7
30	-	1	25	74	85	48	92	173	593	1,466	158	11	-	-	2,726	*
31	50	301	2,095	18,073	74,163	43,443	28,691	116,354	482,602	718,828	17,583	2,562	83	20	1,504,848	13.2
40	2	31	195	1,501	5,471	4,291	5,470	22,353	96,724	241,986	6,769	872	58	14	385,737	3.4
41	14	257	1,591	11,756	46,999	48,940	56,383	252,614	1,087,498	1,483,961	55,069	2,829	228	30	3,048,169	26.8
50	1	3	72	522	2,660	2,513	3,093	35,315	227,861	298,760	13,973	658	61	3	585,495	5.1
51	6	33	307	2,289	12,924	17,521	20,571	101,638	520,427	646,869	25,641	791	64	11	1,349,092	11.8
60	-	-	-	15	72	83	165	2,402	12,373	10,646	712	19	-	1	26,488	0.2
61	1	8	45	640	3,368	4,501	6,045	20,544	69,997	71,389	1,784	67	15	3	178,407	1.6
70	-	1	-	2	1	4	34	179	322	80	-	-	-	-	623	*
71	1	-	27	159	662	1,003	1,760	5,238	9,376	6,487	112	2	1	1	24,829	0.2
Total	97	705	4,670	38,265	162,093	127,384	123,893	563,976	2,531,211	3,499,904	122,639	7,848	510	83	7,183,278	63.0
Light Spotted:																
12	-	-	1	6	3	1	1	-	2	2	-	-	-	-	16	*
22	59	458	1,584	4,001	5,545	2,148	887	834	1,105	589	100	2	-	-	17,312	0.2
32	711	5,705	26,575	130,619	219,521	100,332	41,648	48,631	76,116	47,198	2,519	535	37	9	700,156	6.1
42	551	5,433	26,066	135,776	301,568	203,215	124,284	182,742	544,509	398,398	14,803	1,260	147	55	1,938,807	17.0
52	175	1,437	6,440	39,331	105,160	100,816	74,032	110,757	270,118	197,116	8,170	350	46	22	913,970	8.0
Total	1,496	13,033	60,666	309,733	631,797	406,512	240,852	342,964	891,850	643,303	25,592	2,147	230	86	3,570,261	31.3
Spotted:																
13	-	-	-	3	8	4	8	4	13	7	6	-	-	6	59	*
23	29	39	181	672	724	240	135	138	242	101	1	1	-	8	2,511	*
33	80	659	4,010	17,101	27,777	15,076	6,108	4,641	4,985	3,794	60	5	-	2	84,298	0.7
43	70	680	4,039	23,916	54,085	44,419	22,891	17,296	21,774	17,871	294	14	4	16	207,369	1.8
53	56	374	1,825	10,885	28,164	29,702	21,763	21,727	22,513	14,222	522	48	1	1	151,803	1.3
Total	235	1,752	10,055	52,577	110,758	89,441	50,905	43,806	49,527	35,995	883	68	5	33	446,040	3.8
Linged:																
24	-	-	1	2	5	-	1	1	4	3	-	-	-	1	18	*
34	1	28	208	833	2,154	1,453	518	233	172	49	3	-	1	2	5,655	*
44	42	39	234	1,881	4,939	4,286	1,702	1,301	1,267	506	22	1	-	1	16,221	0.1
54	9	44	147	722	2,055	2,325	1,508	1,358	1,162	582	38	9	1	2	9,962	0.1
Total	52	111	590	3,438	9,153	8,064	3,729	2,893	2,605	1,140	63	10	2	6	31,856	0.2
Stained:																
25	-	-	-	-	4	-	-	-	1	1	-	-	-	-	6	*
35	-	6	29	73	115	64	31	21	13	5	1	-	-	3	361	*
Total	-	6	29	73	119	64	31	21	14	6	1	-	-	3	367	*
Light Gray:																
16	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	*
26	-	-	4	6	3	30	77	60	513	506	-	-	-	-	1,199	*
36	-	-	-	3	13	59	325	529	1,376	4,197	2	-	-	4	6,508	0.1
46	-	-	-	5	18	81	280	842	623	1,394	1	-	-	4	3,248	*
Total	-	-	4	14	34	170	683	1,431	2,512	6,097	3	-	-	8	10,956	0.1
Gray:																
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
27	-	-	1	2	1	4	10	7	2	2	-	-	-	-	29	*
37	-	-	1	2	4	29	7	7	22	119	4	-	-	4	199	*
47	-	-	-	1	1	11	41	74	52	94	-	-	-	6	280	*
Total	-	-	2	5	6	44	58	88	76	215	4	-	-	10	508	*
Below Grade 1/	125	658	1,895	8,109	21,108	44,495	34,101	29,598	31,384	14,525	369	9	4	2	186,382	1.6
All grades	2,005	16,265	77,911	412,214	935,068	676,174	454,252	984,777	3,509,179	4,201,185	149,554	10,082	751	231	11,429,648	2/ 100.0
Percent tenderable	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	
All grades	0.1	0.1	0.7	3.6	8.2	5.9	4.0	8.6	30.7	36.8	1.3	0.1	0.1	0.2	100.0	
1/ Lower in grade than the lowest grades of the official standards.																
2/ As reported by the Bureau of the Census, running bales.																
* Less than 0.05 percent.																
Average staple.....																
Percent tenderable.....																
Percent Average Rule Used (ARU).....																
Percent grade reductions.....																



Table 3. -- Percentage distribution of grade and staple for upland cotton classed through specified periods in the United States, 1983-84

Grade and Staple	Prior to				Crop
	October 1	November 1	December 1	January 1	
Grade					
White:					
11	-	*	*	*	*
21	0.2	0.4	0.4	0.3	0.3
30	*	*	*	*	*
31	7.8	16.4	17.3	15.4	15.1
40	3.8	4.8	4.1	3.4	3.4
41	33.5	41.1	34.1	29.9	29.1
50	4.8	7.0	4.8	4.0	3.9
51	13.0	7.9	7.4	6.9	6.8
60	0.1	0.1	0.1	0.1	0.1
61	2.3	0.8	0.9	1.0	1.0
70	*	*	*	*	*
71	0.2	0.1	0.1	0.1	0.1
Total	65.7	78.6	69.2	61.1	59.8
Light Spotted:					
12	-	*	*	*	*
22	*	0.1	*	*	*
32	5.1	4.2	4.6	4.4	4.4
42	16.3	11.4	12.8	14.4	14.6
52	9.7	4.0	7.4	10.1	10.4
Total	31.1	19.7	24.8	28.9	29.4
Spotted:					
13	*	*	*	*	*
23	*	*	*	*	*
33	0.2	0.2	0.3	0.4	0.4
43	0.6	0.4	1.4	2.6	2.9
53	0.6	0.3	1.9	3.3	3.4
Total	1.4	0.9	3.6	6.3	6.7
Tinged:					
24	*	*	*	*	*
34	*	*	*	*	*
44	0.1	*	0.2	0.2	0.2
54	*	*	0.2	0.3	0.4
Total	0.1	*	0.4	0.5	0.6
Stained:					
All grades	*	*	*	*	*
Light Gray:					
All grades	*	*	*	*	*
Gray:					
All grades	*	*	*	*	*
Below Grade 1/	1.6	0.6	1.8	2.9	3.3
All grades	100.0	100.0	100.0	100.0	100.0
Staple					
26 & shorter	*	*	*	*	*
28	*	0.1	0.2	0.3	0.3
29	0.1	0.2	0.5	0.8	0.9
30	0.6	0.9	1.9	3.1	3.4
31	3.4	2.4	3.9	6.2	6.5
32	7.1	3.2	4.1	6.1	6.4
33	12.8	6.1	5.5	6.8	6.9
34	27.8	19.8	14.6	13.9	13.6
35	31.5	43.1	38.6	34.7	34.1
36	12.3	21.4	28.3	25.7	25.4
37	3.9	2.4	2.2	2.1	2.0
38	0.4	0.3	0.3	0.3	0.3
39	*	*	0.1	0.1	*
40 & longer	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0
Average staple	34.3	34.7	34.7	34.4	34.3

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

\* Less than 0.05 percent.



Table 4. -- Grade reductions by specified causes of upland cotton ginned in the United States,  
by states, 1983-84

State	Grade reductions by causes							
	Prepara- tion	Bark	Dust	Grass	Oil	Spindle Twist	Other	Total
	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>
Alabama	30	6,990	-	2,926	-	-	-	9,946
Arizona	378	60,301	595	10,314	23	8	15	71,634
Arkansas	32	1,494	-	6,637	18	7	5	8,193
California	891	28,674	1	54,507	26	103	287	84,489
Georgia	72	6,261	-	3,796	-	-	307	10,436
Louisiana	139	3,999	-	23,760	61	7	6	27,972
Mississippi	164	7,510	-	32,457	88	17	45	40,281
Missouri	17	127	-	191	6	12	4	357
New Mexico	16	15,010	1	555	24	-	2	15,608
North Carolina	-	994	-	748	10	-	21	1,773
Oklahoma	21	34,436	-	449	9	1	4	34,920
South Carolina	53	925	-	988	-	21	-	1,987
Tennessee	41	811	-	6,085	10	7	1	6,955
Texas	1,362	709,029	418	42,424	306	230	388	754,157
All other	-	1,027	-	305	-	-	-	1,332
United States	3,216	877,588	1,015	186,142	581	413	1,085	1,070,040



Table 5. -- Tenderability of upland cotton ginned, by states, 1983-84

State	Tenderable <u>1/</u>		Untenderable	
	Bales	Pct.	Bales	Pct.
Alabama	90,276	52.2	82,504	47.8
Arizona	313,215	45.5	374,813	54.5
Arkansas	214,358	68.0	101,048	32.0
California	1,635,526	85.4	279,280	14.6
Georgia	56,865	52.1	52,262	47.9
Louisiana	349,140	66.9	172,622	33.1
Mississippi	648,602	74.8	218,484	25.2
Missouri	53,252	74.9	17,849	25.1
New Mexico	32,084	50.4	31,635	49.6
North Carolina	19,145	45.5	22,906	54.5
Oklahoma	9,297	6.7	130,095	93.3
South Carolina	20,708	41.0	29,794	59.0
Tennessee	97,015	67.0	47,708	33.0
Texas	318,174	13.8	1,982,639	86.2
All other	7,107	59.0	4,931	41.0
United States	3,864,764	52.1	3,548,570	47.9

1/ Tenderable with respect to grade, staple and mike in settlement of New York No. 2 futures contracts.

Table 6. -- Tenderability of upland cotton ginned in the United States, 1965-1983

Year	Tenderable <u>1/</u>		Untenderable	
	Bales	Pct.	Bales	Pct.
1965	9,540,115	64.3	5,307,177	35.7
1966	4,902,137	51.6	4,589,060	48.4
1967	4,011,329	54.4	3,358,964	45.6
1968	6,714,407	62.0	4,123,977	38.0
1969	5,511,908	55.9	4,348,322	44.1
1970	6,342,553	63.1	3,712,684	36.9
1971	5,638,379	55.6	4,495,040	44.4
1972	7,279,575	55.3	5,895,947	44.7
1973	8,367,010	66.8	4,165,891	33.2
1974	6,651,985	59.2	4,587,750	40.8
1975	4,503,214	55.6	3,594,338	44.4
1976	5,767,782	56.1	4,516,274	43.9
1977	8,853,834	63.7	5,055,287	36.3
1978	5,711,866	54.6	4,747,335	45.4
1979	6,996,723	49.4	7,168,941	50.6
1980	5,405,563	50.4	5,316,703	49.6
1981	6,361,006	42.2	8,711,848	57.8
1982	7,166,579	62.7	4,263,069	37.3
1983	3,864,764	52.1	3,548,570	47.9

1/ Tenderability based on grade, staples 29 and longer and mike in settlement of New York No. 1 and No. 2 contracts 1965-78; based on grade, staples 33 and longer and mike in settlement of New York No. 2 contracts 1979-81; New Orleans futures contracts included in 1982; based on New York No. 2 futures contracts thereafter.



Table 7. -- Alabama: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
30	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
31	-	-	-	-	-	0.1	0.6	1.4	0.8	0.1	-	-	-	-	3.0
40	-	-	-	-	-	0.1	0.9	2.0	1.3	0.2	-	-	-	-	4.5
41	-	-	-	-	-	0.5	6.3	17.3	15.0	1.9	*	-	-	-	41.1
50	-	-	-	-	-	0.1	1.2	4.1	3.4	0.5	*	-	-	-	9.4
51	-	-	-	-	-	0.1	0.5	3.6	5.8	0.9	*	-	-	-	10.9
60	-	-	-	-	-	-	-	*	*	*	-	-	-	-	0.1
61	-	-	-	-	-	-	0.1	0.2	0.5	0.2	*	-	-	-	1.0
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	*	*	*	*	*	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
32	-	-	-	-	-	-	*	0.9	1.4	0.4	0.1	-	-	-	2.7
42	-	-	-	-	-	-	0.1	2.3	8.4	6.4	0.9	*	-	-	18.2
52	-	-	-	-	-	*	0.4	2.1	2.9	0.6	*	-	*	-	6.2
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
33	-	-	-	-	-	*	0.1	0.2	0.1	-	-	-	-	-	0.3
43	-	-	-	-	-	*	0.2	0.5	0.3	*	-	-	-	-	1.1
53	-	-	-	-	-	*	0.1	0.3	0.3	*	-	-	-	-	0.8
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
44	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
54	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
46	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade <sup>2/</sup>	-	-	-	-	*	*	*	0.2	0.2	*	-	-	-	-	0.4
All grades	-	-	-	-	*	0.8	10.6	35.3	40.6	11.4	1.1	*	*	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	0.1	0.6	0.7	72.6	19.2	6.9	46

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	-	-	1.3	9.9	34.1	39.6	14.3	0.7	25.7

<sup>1/</sup> Ginnings, Bureau of the Census, 172,780 running bales.  
<sup>2/</sup> Lower in grade than the lowest grade of the official standards.  
 \* Less than 0.05 percent.

Average staple. . . . . 34.5  
 Percent tenderable. . . . . 52.2  
 Percent Average Rule Used (ARU) . . . 1.0  
 Percent grade reductions. . . . . 5.8



Table 7-a. — Arizona: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	*	*	0.4	0.3	*	*	-	-	0.8
30	-	-	-	-	-	-	-	-	*	*	*	*	-	-	*
31	-	-	-	-	*	*	*	0.8	14.0	8.9	0.6	0.1	*	-	24.4
40	-	-	-	-	-	*	*	*	0.5	0.4	0.1	*	*	*	1.0
41	-	*	-	-	*	*	*	1.2	13.8	8.9	0.8	0.1	*	-	24.8
50	-	-	-	-	-	*	*	*	0.3	0.4	*	*	*	-	0.8
51	-	-	-	-	*	*	*	0.3	1.5	0.8	0.1	*	*	*	2.8
60	-	-	-	-	-	-	*	*	*	*	*	-	-	-	0.1
61	-	-	-	*	-	*	*	0.1	0.2	*	*	*	-	*	0.4
70	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
71	-	-	-	*	*	*	*	*	*	*	*	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
22	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
32	*	-	-	*	*	*	0.1	1.2	9.2	4.0	0.2	*	*	*	14.8
42	*	-	-	*	*	0.1	0.3	2.3	9.1	4.7	0.5	*	*	*	17.1
52	*	*	*	*	*	0.2	0.6	1.7	1.9	0.7	0.1	*	*	-	5.2
Spotted:															
13	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
23	-	-	-	-	*	-	*	*	*	*	-	-	-	*	*
33	-	-	-	*	*	*	*	*	*	*	*	-	-	*	0.1
43	-	*	*	*	*	*	0.1	0.2	0.3	0.1	*	*	*	-	0.6
53	*	*	*	*	*	0.1	0.1	0.2	0.2	*	*	*	*	*	0.6
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
44	-	-	-	*	*	*	*	*	*	*	*	-	*	-	*
54	-	-	-	*	*	*	*	*	*	*	*	-	*	*	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	*	*	*	-	-	-	*	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
36	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
46	-	-	-	*	-	*	*	*	*	*	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
47	-	-	-	-	-	*	-	-	-	-	-	-	-	-	*
Below Grade <u>2/</u>	*	*	*	0.3	0.3	1.4	2.2	1.5	0.4	0.1	*	*	*	*	6.3
All grades	*	*	*	0.3	0.5	1.9	3.5	9.6	51.9	29.5	2.4	0.3	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.2	1.1	2.7	2.3	70.0	19.3	4.4	45

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	*	0.1	2.0	12.1	28.6	31.7	18.3	7.1	26.0

<sup>1/</sup> Ginnings, Bureau of the Census, 688,028 running bales.  
<sup>2/</sup> Lower in grade than the lowest grade of the official standards.  
 \* Less than 0.05 percent.

Average staple. . . . . 35.1  
 Percent tenderable. . . . . 45.5  
 Percent Average Rule Used (ARU) . . . . . 0.3  
 Percent grade reductions. . . . . 10.4



Table 7-b. -- Arkansas: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
30	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
31	-	-	-	-	-	*	0.2	1.0	3.4	1.1	*	-	-	*	5.7
40	-	-	-	-	-	*	*	0.3	1.5	0.8	*	-	-	*	2.6
41	-	-	-	-	*	*	0.2	3.9	21.6	16.3	0.7	*	-	-	42.7
50	-	-	-	-	*	-	*	0.6	5.0	5.0	0.4	*	*	-	10.9
51	-	-	-	-	*	*	0.1	0.9	4.6	4.1	0.2	*	-	*	10.0
60	-	-	-	-	-	-	*	*	0.1	0.1	*	-	-	-	0.2
61	-	-	-	-	-	*	*	0.1	0.3	0.3	*	-	-	-	0.7
70	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
71	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
22	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
32	-	-	-	-	-	*	*	0.5	1.5	0.4	*	-	-	-	2.5
42	-	-	-	-	-	*	0.2	2.1	9.1	5.1	0.2	-	-	*	16.7
52	-	-	-	-	-	*	0.2	1.3	3.2	1.5	0.1	*	-	*	6.4
Spotted:															
13	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
23	*	-	-	-	-	-	-	*	*	*	-	-	-	-	*
33	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
43	-	-	-	*	-	*	*	0.1	0.1	*	*	*	-	-	0.3
53	-	-	-	-	*	*	*	0.2	0.2	*	*	-	-	-	0.4
Tinged:															
24	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
34	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
44	*	-	-	-	-	-	-	*	-	-	-	-	-	*	*
54	-	-	-	-	-	-	*	-	*	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
35	-	-	-	-	*	-	-	-	*	-	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
46	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
47	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
Below Grade <u>2/</u>	-	-	*	-	*	*	0.1	0.3	0.3	0.1	*	-	-	-	0.8
All grades	*	-	*	*	*	0.1	1.2	11.2	51.0	34.9	1.5	*	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	0.2	0.7	0.9	92.0	5.7	0.5	44

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	-	-	2.3	10.7	40.3	35.8	9.6	1.3	25.4

1/ Ginnings, Bureau of the Census, 315,406 running bales.  
2/ Lower in grade than the lowest grade of the official standards.  
\* Less than 0.05 percent.

Average staple. . . . . 35.2  
Percent tenderable. . . . . 68.0  
Percent Average Rule Used (ARU) . 0.7  
Percent grade reductions. . . . . 2.6

Table 7-c. -- California: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
21	-	-	-	-	-	-	*	*	0.3	0.2	*	-	-	-	0.5
30	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
31	-	-	-	-	-	-	-	0.3	16.2	21.3	0.6	-	-	-	38.4
40	-	-	-	-	-	-	-	*	1.2	6.1	0.2	*	*	*	7.5
41	-	-	-	*	*	-	*	0.3	10.8	25.9	1.0	*	*	*	38.0
50	-	-	-	-	-	-	*	*	0.2	1.1	0.1	*	*	-	1.4
51	*	-	-	-	*	*	*	0.1	1.2	2.8	0.1	*	-	*	4.3
60	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
61	-	-	-	-	-	-	*	*	0.2	0.3	*	-	-	-	0.6
70	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
71	-	-	-	*	-	-	*	*	*	*	*	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
22	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
32	*	-	-	-	*	*	*	0.1	1.2	1.0	*	-	-	-	2.3
42	-	-	-	-	*	*	*	0.2	1.2	2.1	0.1	*	*	*	3.6
52	-	-	-	*	*	*	0.1	0.4	0.7	0.5	*	-	*	-	1.9
Spotted:															
13	-	-	-	-	-	-	-	-	-	*	*	-	-	*	*
23	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
33	-	-	-	-	-	-	*	*	*	*	*	-	-	-	0.1
43	-	-	-	*	*	*	*	*	0.1	0.2	*	-	-	-	0.3
53	-	-	*	*	*	*	*	*	0.1	0.1	*	*	-	-	0.3
Tinged:															
24	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
34	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
44	*	-	-	-	-	-	*	*	*	*	*	-	-	-	*
54	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	*	0.1	*	-	-	-	-	0.1
36	-	-	-	-	-	-	-	*	0.1	0.1	-	-	-	*	0.1
46	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
37	-	-	-	-	*	-	-	-	*	*	-	-	-	*	*
47	-	-	-	-	-	*	-	*	*	*	-	-	-	-	*
Below Grade <sup>2/</sup>	-	*	*	*	*	0.1	0.1	0.1	0.2	0.1	*	*	-	-	0.6
All grades	*	*	*	*	*	0.1	0.3	1.6	34.0	61.9	2.1	*	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.2	0.8	1.9	2.2	93.7	1.1	0.1	42

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	-	0.1	0.2	1.4	7.6	29.9	39.0	21.8	28.0

<sup>1/</sup> Ginnings, Bureau of the Census, 1,914,806 running bales.

<sup>2/</sup> Lower in grade than the lowest grade of the official standards.

\* Less than 0.05 percent.

Average staple. . . . . 35.6  
Percent tenderable. . . . . 85.4  
Percent Average Rule Used (ARU) . . . 0.3  
Percent grade reductions. . . . . 4.4



Table 7-d. -- Georgia: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	0.1	0.8	0.3	*	-	-	-	1.2
40	-	-	-	-	-	-	*	0.1	0.5	0.3	-	-	-	-	0.8
41	-	-	-	-	-	*	0.2	2.9	15.4	10.0	1.3	-	-	-	29.9
50	-	-	-	-	-	*	*	1.0	5.1	3.7	0.7	-	-	-	10.6
51	-	-	-	-	-	*	0.2	1.6	9.0	10.0	1.6	*	-	-	22.3
60	-	-	-	-	-	-	*	*	0.2	0.3	*	-	-	-	0.6
61	-	-	-	-	-	-	0.1	0.2	0.8	0.6	0.1	-	-	-	1.8
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	*	-	-	0.1	*	-	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	*	0.2	0.2	0.2	*	-	-	-	0.6
42	-	-	-	-	-	0.1	0.6	4.5	9.9	4.7	0.9	*	-	-	20.6
52	-	-	-	-	-	-	0.2	1.6	4.5	2.0	0.3	*	-	*	8.6
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	*	*	0.1	*	-	-	-	-	0.1
43	-	-	-	-	-	-	0.1	0.4	0.5	0.1	*	-	-	-	1.2
53	-	-	-	-	-	-	*	0.2	0.3	0.2	*	-	-	-	0.8
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
54	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	0.1	0.1	-	-	-	-	-	0.2
46	-	-	-	-	-	-	*	*	*	-	-	-	-	-	0.1
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
Below Grade <sup>2/</sup>	-	-	-	-	-	-	0.1	0.2	0.2	*	*	-	-	-	0.5
All grades	-	-	-	-	-	0.1	1.5	13.1	47.6	32.5	5.1	0.1	-	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.1	0.2	0.8	1.7	87.7	7.8	1.8	44

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	-	0.1	1.2	17.9	39.4	30.7	9.5	1.2	25.1

<sup>1/</sup> Ginnings, Bureau of the Census, 109,127 running bales.  
<sup>2/</sup> Lower in grade than the lowest grade of the official standards.  
 \* Less than 0.05 percent.

Average staple. . . . . 35.3  
 Percent tenderable . . . . . 52.1  
 Percent Average Rule Used (ARU) . 0.8  
 Percent grade reductions. . . . . 9.6

Table 7-e. -- Louisiana: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	*	*	-	-	*	-	-	*	-	-	-	-	*
21	-	-	-	*	-	*	*	*	0.1	*	-	-	-	-	0.1
30	-	-	-	-	-	-	*	*	*	*	-	-	-	*	*
31	-	-	-	-	*	0.1	0.4	3.1	7.7	1.7	*	*	-	*	12.9
40	-	-	-	-	*	*	*	0.8	3.5	1.3	*	*	-	*	5.7
41	-	-	-	*	*	0.1	0.5	6.0	27.6	12.9	0.6	*	*	*	47.8
50	-	-	-	*	*	*	*	0.4	4.0	3.2	0.3	*	*	-	8.0
51	-	-	-	*	*	*	0.1	1.0	4.5	3.4	0.3	*	-	*	9.3
60	-	-	-	-	-	*	*	*	*	*	*	-	-	-	0.1
61	-	-	-	-	-	*	*	0.1	0.5	0.3	*	*	-	-	1.0
70	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
71	-	-	-	-	-	-	*	*	*	*	*	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
32	-	-	-	*	*	*	0.2	0.7	0.9	0.2	*	-	-	-	2.0
42	-	-	-	-	*	*	0.2	1.9	4.7	1.9	0.1	*	-	*	9.0
52	-	-	-	*	*	*	0.1	0.7	1.5	0.8	0.1	*	-	-	3.2
Spotted:															
13	-	-	-	-	-	-	*	*	*	*	*	-	-	*	*
23	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
33	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
43	*	*	-	*	*	*	*	0.1	0.1	*	*	*	-	-	0.2
53	-	-	-	-	*	*	*	0.1	0.1	*	*	-	-	-	0.2
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
44	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
54	-	-	-	-	*	-	*	*	-	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
35	-	-	-	-	-	-	-	-	*	*	-	-	-	*	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	*	-	*	*	*	-	-	-	-	-	*
36	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
46	-	-	-	-	-	*	*	*	*	*	-	-	-	*	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	*	-	-	*	-	-	-	-	-	*
Below Grade <sup>2/</sup>	-	-	*	*	*	*	0.1	0.1	0.2	*	*	-	*	-	0.4
All grades	*	*	*	*	*	0.3	1.7	15.1	55.4	25.9	1.5	0.1	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	0.3	1.5	1.7	81.0	12.8	2.6	45

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	-	*	1.9	10.8	39.4	38.8	7.9	1.1	25.4

<sup>1/</sup> Ginnings, Bureau of the Census, 521,762 running bales.

<sup>2/</sup> Lower in grade than the lowest grade of the official standards.

\* Less than 0.05 percent.

Average staple. . . . . 35.1

Percent tenderable. . . . . 66.9

Percent Average Rule Used (ARU) . . . . . 0.5

Percent grade reductions. . . . . 5.4



Table 7-f. -- Mississippi: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
21	*	-	-	-	*	*	*	0.1	*	*	*	-	-	-	0.1
30	*	-	-	-	-	*	*	*	*	*	*	-	-	-	*
31	-	-	-	-	*	*	0.2	2.7	4.7	0.3	*	-	-	-	8.0
40	-	-	-	-	*	*	*	0.8	2.3	0.2	*	-	-	*	3.4
41	-	-	-	-	*	*	0.6	10.6	33.6	4.7	*	-	-	*	49.6
50	-	-	-	-	*	*	0.1	1.5	7.3	1.7	*	-	-	*	10.6
51	-	-	-	-	*	*	0.1	2.3	7.9	2.1	*	*	-	-	12.4
60	-	-	-	-	-	*	*	*	0.1	*	*	-	-	-	0.2
61	-	-	-	-	*	*	*	0.3	0.7	0.2	*	-	-	-	1.2
70	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
71	-	-	-	-	-	*	*	*	*	*	*	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
32	*	-	-	-	*	*	0.1	0.3	0.4	*	-	-	-	-	0.8
42	-	-	-	-	*	*	0.2	2.6	4.9	0.8	*	-	*	*	8.5
52	-	-	-	-	*	*	0.1	1.2	2.0	0.5	*	*	-	-	3.9
Spotted:															
13	-	-	-	-	-	-	*	*	*	-	-	-	-	*	*
23	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
33	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
43	-	-	-	-	*	*	*	0.1	0.1	*	-	-	-	*	0.2
53	-	-	-	-	*	*	*	0.1	0.1	*	-	-	-	-	0.2
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	*	-	*	-	-	-	-	-	*
44	-	-	-	-	-	-	*	*	*	-	-	-	-	*	*
54	-	-	-	-	*	*	*	*	*	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	*	-	-	-	-	*	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
36	-	-	-	-	-	*	*	*	*	*	-	-	-	*	*
46	-	-	-	-	*	*	*	*	*	*	-	-	-	*	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
37	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
47	-	-	-	-	-	-	-	-	-	-	-	-	-	*	*
Below Grade <sup>2/</sup>	-	-	*	*	*	*	0.1	0.3	0.4	0.1	*	-	-	-	0.9
All grades	*	-	*	*	*	0.1	1.7	22.8	64.6	10.7	*	*	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	0.3	1.3	1.3	90.0	6.3	0.8	44

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	-	*	1.5	13.0	46.2	35.3	3.7	0.4	25.0

<sup>1/</sup> Ginnings, Bureau of the Census, 867,086 running bales.  
<sup>2/</sup> Lower in grade than the lowest grade of the official standards.  
 \* Less than 0.05 percent.

Average staple. . . . . 34.8  
 Percent tenderable. . . . . 74.8  
 Percent Average Rule Used (ARU) . . . . . 0.6  
 Percent grade reductions. . . . . 4.6

Table 7-g. -- Missouri: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	*	*	*	0.3	0.4	*	-	-	-	-	0.7
30	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
31	-	-	-	*	*	0.2	0.3	5.8	15.2	1.6	*	-	-	-	23.2
40	-	-	-	-	-	*	*	0.6	3.7	0.8	*	-	-	-	5.1
41	-	-	-	-	*	0.1	0.3	4.5	21.5	6.4	0.1	-	-	-	33.0
50	-	-	-	-	-	*	*	0.2	1.8	0.9	*	-	-	*	2.9
51	-	-	-	-	-	*	0.2	1.7	3.2	1.1	0.1	-	-	-	6.3
60	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
61	-	-	-	-	*	*	0.1	0.2	0.1	*	-	-	-	-	0.4
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	*	0.1	*	*	-	-	-	-	0.1
32	-	-	-	-	*	*	0.2	3.4	6.5	0.5	*	-	-	-	10.7
42	*	-	-	-	*	*	0.2	2.9	5.8	1.4	0.1	-	-	-	10.4
52	-	-	-	-	*	*	0.4	1.9	2.3	0.5	0.1	-	-	-	5.2
Spotted:															
13	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
23	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
33	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
43	-	-	-	-	-	*	*	0.1	0.1	*	-	-	-	-	0.2
53	-	-	-	-	-	*	0.1	0.2	0.2	*	*	-	-	-	0.5
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
44	-	-	-	-	-	-	*	-	*	-	-	-	-	-	*
54	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	*	*	0.2	*	-	-	-	-	0.2
46	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade <sup>2/</sup>	-	-	-	-	-	*	0.2	0.3	0.2	*	*	-	-	-	0.7
All grades	*	-	-	*	0.1	0.5	2.1	22.3	61.2	13.5	0.4	-	-	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	*	0.2	0.6	92.1	6.1	1.0	44

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	-	-	0.3	13.2	40.0	34.4	10.8	1.3	25.4

<sup>1/</sup> Ginnings, Bureau of the Census, 71,101 running bales.

<sup>2/</sup> Lower in grade than the lowest grade of the official standards.

\* Less than 0.05 percent.

Average staple. . . . . 34.9

Percent tenderable. . . . . 74.9

Percent Average Rule Used (ARU) . . . 0.4

Percent grade reductions. . . . . 0.5



Table 7-h. -- New Mexico: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	*	-	*	-	-	-	*
21	-	-	-	-	-	-	-	*	*	0.1	0.2	-	-	-	0.4
30	-	-	-	-	-	-	-	*	*	0.1	0.1	*	*	-	0.2
31	-	-	-	-	*	0.1	0.1	0.2	0.6	1.7	3.6	1.2	0.2	*	7.7
40	-	*	*	*	*	*	*	0.1	0.1	0.6	1.6	0.6	0.1	*	3.0
41	-	*	*	*	0.2	0.5	1.0	1.5	2.5	6.0	13.9	6.2	1.1	0.2	33.2
50	-	-	-	-	*	*	*	0.1	0.3	0.9	1.8	0.9	0.3	*	4.3
51	-	*	-	*	0.1	0.7	1.7	2.4	2.8	2.9	4.5	1.9	0.5	0.1	17.7
60	-	-	-	-	-	*	*	*	*	*	*	*	*	-	0.1
61	-	-	-	*	*	0.1	0.3	0.8	1.2	1.3	1.0	0.2	*	*	5.0
70	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
71	-	-	-	*	*	*	*	0.1	0.2	0.3	0.2	*	-	-	0.8
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
32	-	-	*	*	0.1	0.2	0.2	0.1	0.1	0.2	0.5	0.3	0.1	*	1.8
42	-	*	*	0.2	0.6	0.8	0.9	1.1	1.1	1.4	2.5	2.1	0.7	0.3	11.7
52	-	*	*	0.1	0.4	0.8	0.9	1.2	1.2	1.5	1.4	0.5	0.2	0.1	8.5
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	0.1	*	-	-	-	-	-	-	-	-	*
33	-	-	-	*	0.1	*	*	*	*	*	*	*	-	-	0.2
43	-	*	*	0.1	0.2	0.2	0.1	*	*	*	0.1	0.1	*	*	0.7
53	-	*	*	*	0.2	0.3	0.2	0.1	0.1	*	*	*	*	*	1.0
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	*	-	-	-	*
44	-	-	-	*	*	*	*	*	*	*	*	*	-	-	0.1
54	-	-	-	*	-	*	-	*	*	*	*	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	*	*	*	*	-	-	*
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade <sup>2/</sup>	-	-	-	*	0.1	0.1	0.2	0.5	0.8	1.2	0.4	*	*	*	3.4
All grades	-	*	0.1	0.5	2.0	3.8	5.7	8.3	11.2	18.4	32.0	14.0	3.2	0.7	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.7	3.3	7.3	7.1	81.4	0.1	*	38

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	0.1	0.1	0.6	5.8	17.4	31.4	29.0	15.6	27.1

<sup>1/</sup> Ginnings, Bureau of the Census, 63,719 running bales.

<sup>2/</sup> Lower in grade than the lowest grade of the official standards.

\* Less than 0.05 percent.

Average staple. . . . . 36.0

Percent tenderable. . . . . 50.4

Percent Average Rule Used (ARU) . . . . . 2.5

Percent grade reductions. . . . . 24.5

Table 7-i. -- North Carolina: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	0.1	0.3	0.3	*	-	-	-	-	0.7
40	-	-	-	-	-	*	*	*	0.1	*	-	-	-	-	0.3
41	-	-	-	-	-	0.1	2.2	8.4	10.1	3.3	*	-	-	-	24.1
50	-	-	-	-	-	*	0.6	2.0	3.4	1.0	*	-	-	-	7.0
51	-	-	-	-	-	*	1.3	7.0	8.0	1.7	*	-	-	-	18.2
60	-	-	-	-	-	-	0.1	0.6	0.2	-	*	-	-	-	0.9
61	-	-	-	-	-	-	0.4	0.9	0.2	-	-	-	-	-	1.4
70	-	-	-	-	-	-	*	0.1	-	-	-	-	-	-	0.1
71	-	-	-	*	-	-	*	0.2	*	-	-	-	-	-	0.3
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
32	-	-	-	-	-	-	0.7	1.5	0.8	-	-	-	-	-	2.9
42	-	-	-	-	-	0.1	2.4	11.3	13.3	2.6	*	-	-	-	29.8
52	-	-	-	-	-	0.1	1.0	4.8	4.8	0.4	-	-	-	-	11.1
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	*	*	-	*	-	-	-	-	-	0.1
43	-	-	-	-	-	-	0.2	0.8	0.6	-	-	-	-	-	1.6
53	-	-	-	-	*	-	0.1	0.3	0.2	-	-	-	-	-	0.7
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade <sup>2/</sup>	-	-	-	-	-	0.1	0.2	0.3	0.1	-	-	-	-	-	0.6
All grades	-	-	-	*	*	0.5	9.6	38.4	42.2	9.1	0.1	-	-	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	-	*	0.4	1.2	92.6	5.0	0.8	43

Fiber strength	<sup>1/8"</sup> gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	-	0.4	1.2	15.5	36.6	32.2	12.1	2.1	25.4

<sup>1/</sup> Ginnings, Bureau of the Census, 42,051 running bales.  
<sup>2/</sup> Lower in grade than the lowest grade of the official standards.  
 \* Less than 0.05 percent.

Average staple. . . . . 34.5  
 Percent tenderable. . . . . 45.5  
 Percent Average Rule Used (ARU) . 1.2  
 Percent grade reductions. . . . . 4.2



Table 7-j. -- Oklahoma: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	*	-	*	0.2	0.4	0.3	*	-	-	0.9
30	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
31	-	-	*	*	*	*	*	0.1	0.4	1.1	1.0	0.1	*	-	2.8
40	-	-	-	*	*	*	*	*	*	0.1	0.1	*	-	-	0.3
41	*	*	*	*	*	*	0.1	0.4	0.8	1.2	0.4	*	*	-	3.0
50	-	-	-	-	*	-	*	*	*	*	*	-	-	-	*
51	-	-	-	*	*	0.1	0.2	0.5	0.4	0.2	0.1	-	-	-	1.4
60	-	-	-	-	*	*	*	*	-	-	-	-	-	-	0.1
61	-	-	-	*	*	0.2	0.2	0.4	0.5	0.4	0.1	-	-	-	1.6
70	-	-	-	-	*	-	-	-	-	-	-	-	-	-	*
71	-	-	-	-	*	*	*	*	*	*	*	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	*	*	*	*	*	-	*	*	0.1	0.1	*	-	-	0.2
32	*	*	0.1	0.3	0.2	0.1	0.1	0.1	0.2	0.3	0.2	*	*	-	1.5
42	*	0.2	0.8	2.3	2.8	1.9	1.2	1.0	1.0	0.7	0.2	*	*	*	12.2
52	*	0.2	0.8	3.2	4.8	4.7	4.7	6.2	3.9	1.3	0.2	*	-	-	29.9
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	*	*	-	-	-	-	-	-	-	-	-	*
33	*	*	0.1	0.2	0.1	*	*	*	*	*	*	-	-	-	0.4
43	*	0.5	1.7	4.0	3.7	1.9	0.7	0.3	0.1	0.1	*	-	-	-	13.1
53	0.1	0.8	1.9	4.4	4.6	2.7	1.4	1.1	0.5	0.1	*	-	-	-	17.6
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	*	-	*	*	*	*	-	-	-	-	-	-	*
44	-	*	*	0.1	0.1	*	*	*	*	-	-	-	-	-	0.3
54	*	*	*	0.1	0.2	0.1	*	*	*	*	*	-	-	-	0.6
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	*	-	-	-	-	-	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
46	-	-	-	*	*	-	-	-	-	-	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade <sup>2/</sup>	*	0.1	0.3	1.1	1.8	2.2	2.3	3.3	2.1	0.7	0.1	*	-	-	14.0
All grades	0.2	1.9	5.8	15.6	18.5	13.9	11.0	13.4	10.1	6.7	2.8	0.2	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.7	1.5	3.5	4.4	88.2	1.4	0.2	41

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	0.3	1.4	7.5	23.7	33.7	23.5	8.0	1.9	24.5

<sup>1/</sup> Ginnings, Bureau of the Census, 139,392 running bales.  
<sup>2/</sup> Lower in grade than the lowest grade of the official standards.  
 \* Less than 0.05 percent.

Average staple. . . . . 32.3  
 Percent tenderable. . . . . 6.7  
 Percent Average Rule Used (ARU) . . . 0.5  
 Percent grade reductions. . . . . 25.1

Table 7-k. -- South Carolina: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	*	0.3	0.5	0.1	-	-	-	-	0.9
40	-	-	-	-	-	-	*	0.1	0.1	*	-	-	-	-	0.3
41	-	-	-	-	-	-	0.7	6.4	10.3	5.7	0.5	-	-	-	23.5
50	-	-	-	-	-	-	*	1.0	2.4	2.0	0.2	-	-	-	5.7
51	-	-	-	-	-	-	0.1	2.1	5.3	3.9	0.8	*	-	-	12.2
60	-	-	-	-	-	-	-	0.1	0.1	0.1	-	-	-	-	0.3
61	-	-	-	-	-	-	*	0.2	0.5	*	-	-	-	-	0.8
70	-	-	-	-	-	-	-	*	*	-	-	-	-	-	0.1
71	-	-	-	-	-	-	0.1	0.1	*	-	-	-	-	-	0.2
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	0.1	0.8	2.1	1.7	0.4	-	-	-	-	5.1
42	-	-	-	-	-	0.1	1.7	10.8	14.0	6.4	0.7	-	-	-	33.8
52	-	-	-	-	-	-	0.7	3.7	5.8	2.4	0.4	-	-	-	13.0
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	*	0.1	0.1	-	-	-	-	-	0.3
43	-	-	-	-	-	-	0.1	0.5	0.7	0.2	*	-	-	-	1.6
53	-	-	-	-	-	*	0.2	0.6	0.4	0.1	-	-	-	-	1.4
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade <u>2/</u>	-	-	-	-	-	-	0.1	0.4	0.3	*	-	-	-	-	0.8
All grades	-	-	-	-	-	0.3	4.7	28.8	42.4	21.3	2.5	*	-	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	-	0.5	6.2	9.5	83.1	0.7	0.1	39

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	-	-	0.6	12.6	34.4	37.1	13.3	2.1	25.6

<sup>1/</sup> Ginnings, Bureau of the Census, 50,502 running bales.

2/ Lower in grade than the lowest grade of the official standards.

\* Less than 0.05 percent.

Average staple. . . . . 34.9

Percent tenderable. . . . . 41.0

Percent Average Rule Used (ARU) . 1.2

Percent grade reductions. . . . . 3.9



Table 7-1. -- Tennessee: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
21	-	-	-	-	-	*	0.1	0.2	0.1	*	-	-	-	-	0.4
30	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
31	-	-	-	-	*	0.3	3.3	9.6	3.2	0.1	-	-	-	-	16.4
40	-	-	-	-	-	*	0.6	1.8	0.9	*	-	-	-	-	3.3
41	-	-	-	*	*	0.3	6.6	25.7	8.5	0.2	*	-	-	-	41.2
50	-	-	-	-	*	*	0.7	3.1	1.5	*	-	-	-	-	5.4
51	-	-	-	-	*	0.1	1.8	4.8	1.6	0.1	-	-	-	-	8.3
60	-	-	-	-	-	*	*	0.1	*	*	-	-	-	-	0.2
61	-	-	-	-	*	0.1	0.4	0.4	0.1	*	-	-	-	-	1.0
70	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
71	-	-	-	-	*	*	0.1	*	*	-	-	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
22	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
32	-	-	-	-	*	0.1	1.0	1.4	0.3	*	-	-	-	-	2.9
42	-	-	-	*	*	0.5	5.2	6.0	1.3	*	*	-	-	-	13.0
52	-	-	-	*	*	0.5	2.6	2.0	0.3	*	-	-	-	-	5.4
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	*	*	-	-	-	-	-	-	-	*
33	-	-	-	-	*	*	*	*	*	-	-	-	-	-	0.1
43	-	-	-	-	*	0.1	0.3	0.2	*	*	-	-	-	-	0.6
53	-	-	-	-	*	0.1	0.3	0.2	*	*	-	-	-	-	0.6
Tinged:															
24	-	-	-	-	*	-	-	-	-	-	-	-	-	-	*
34	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
44	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
54	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	*	*	-	-	-	-	-	-	-	*
36	-	-	-	-	*	*	0.1	*	*	-	-	-	-	-	0.1
46	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
37	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
47	-	-	-	*	-	*	*	-	-	-	-	-	-	-	*
Below Grade <sup>2/</sup>	-	-	-	*	*	0.2	0.3	0.2	*	*	-	-	-	-	0.8
All grades	-	-	-	*	0.1	2.4	23.5	55.6	17.9	0.5	*	-	-	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	0.1	0.2	0.2	90.6	7.8	1.1	46

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	-	0.3	4.5	22.5	46.5	21.7	4.3	0.2	24.5

<sup>1/</sup> Ginnings, Bureau of the Census, 144,723 running bales.  
<sup>2/</sup> Lower in grade than the lowest grade of the official standards.  
 \* Less than 0.05 percent.

Average staple. . . . . 33.9  
 Percent tenderable. . . . . 67.0  
 Percent Average Rule Used (ARU) . 0.2  
 Percent grade reductions. . . . . 4.8

Table 7-m. -- Texas: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 <sup>1/</sup>

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	*	*	*	*	*	*	*	-	-	-	-	*
21	-	*	*	*	0.1	*	*	*	*	*	*	*	-	-	0.2
30	-	-	-	*	*	*	*	*	*	*	*	*	-	-	*
31	*	*	*	0.2	0.5	0.4	0.3	0.4	0.4	0.2	*	*	*	*	2.4
40	*	*	*	*	*	*	0.1	0.2	0.4	0.1	*	*	*	*	0.9
41	*	*	*	0.2	0.6	0.9	1.1	2.3	2.8	1.2	0.4	0.1	*	*	9.7
50	*	*	*	*	*	0.1	0.1	0.2	0.5	0.4	0.1	*	*	*	1.4
51	*	*	*	0.1	0.3	0.6	0.9	1.4	1.3	0.7	0.2	*	*	*	5.4
60	-	*	-	*	*	*	*	*	*	*	*	*	*	-	*
61	-	*	*	*	0.1	0.2	0.2	0.4	0.3	0.1	0.1	*	*	*	1.4
70	-	-	-	*	*	*	*	*	*	*	*	-	-	-	*
71	-	*	*	*	*	*	*	*	*	*	*	*	-	-	0.1
Lt. Spotted:															
12	-	-	-	*	*	*	-	-	-	*	*	-	-	-	*
22	*	*	*	*	*	*	*	*	*	*	*	*	-	-	0.1
32	*	0.1	0.2	0.8	1.5	1.1	0.8	0.6	0.3	0.1	0.1	*	*	*	5.6
42	*	0.2	0.7	3.0	5.7	4.8	3.6	3.0	1.9	1.1	0.5	0.1	*	*	24.6
52	*	0.1	0.3	1.5	3.9	4.6	4.4	3.8	2.1	1.3	0.5	0.1	*	*	22.7
Spotted:															
13	-	-	-	-	-	*	-	*	-	-	-	-	-	-	*
23	*	*	*	*	*	*	*	*	*	*	*	*	-	-	*
33	*	*	0.1	0.3	0.3	0.2	0.1	0.1	*	*	*	*	-	*	1.2
43	*	0.2	0.5	1.7	2.3	1.3	0.7	0.4	0.1	0.1	*	*	*	*	7.3
53	*	0.1	0.3	1.1	2.2	2.1	1.6	0.9	0.3	0.1	*	*	*	*	8.8
Tinged:															
24	-	-	*	*	*	*	*	*	-	-	-	-	-	-	*
34	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.1
44	*	*	0.1	0.2	0.2	0.1	0.1	*	*	*	*	*	*	*	0.7
54	*	*	*	0.2	0.3	0.3	0.2	0.1	*	*	*	*	-	-	1.1
Stained:															
25	-	-	-	-	*	*	-	-	-	-	-	-	-	-	*
35	-	*	*	*	*	*	*	*	*	-	-	-	-	*	*
Lt. Gray:															
16	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
26	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
36	-	-	-	*	-	*	*	*	*	*	*	-	-	-	*
46	-	-	-	-	*	*	*	*	*	*	*	-	-	*	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	*	*	-	-	*	-	-	-	-	-	*
Below Grade <sup>2/</sup>	*	*	0.1	0.4	1.0	1.3	1.4	1.1	0.5	0.3	0.1	*	*	*	6.3
All grades	0.1	0.8	2.4	9.6	19.0	18.0	15.7	15.1	11.0	5.7	2.1	0.4	0.1	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	1.3	4.0	7.5	7.3	77.3	2.2	0.3	39

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	0.1	0.8	7.7	24.8	32.1	21.8	9.2	3.4	24.7

<sup>1/</sup> Ginnings, Bureau of the Census, 2,300,813 running bales.  
<sup>2/</sup> Lower in grade than the lowest grade of the official standards.  
 \* Less than 0.05 percent.

Average staple. . . . . 32.7  
 Percent tenderable. . . . . 13.8  
 Percent Average Rule Used (ARU) . . . 1.8  
 Percent grade reductions. . . . . 32.8



Table 7-n. -- Other states: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1983-84 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	0.1	0.4	1.7	0.5	-	-	-	-	2.7
40	-	-	-	-	-	-	-	1.0	2.4	0.7	0.1	-	-	-	4.1
41	-	-	-	-	-	-	0.1	6.1	29.2	12.8	0.6	-	-	-	48.8
50	-	-	-	-	-	-	0.1	0.8	6.0	4.6	0.6	-	-	-	12.1
51	-	-	-	-	-	-	0.1	1.0	7.5	4.4	0.6	-	-	-	13.6
60	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	0.1
61	-	-	-	-	-	-	-	0.3	0.3	0.4	0.1	-	-	-	1.1
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	0.1	0.4	0.2	0.1	-	-	-	0.8
42	-	-	-	-	-	-	0.1	1.2	5.7	4.9	0.5	-	-	-	12.4
52	-	-	-	-	-	-	0.2	0.7	1.6	1.0	0.1	-	-	-	3.5
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	-	-	-	-	-	-	0.1	0.1	-	0.2	-	-	-	-	0.3
53	-	-	-	-	-	-	0.1	0.1	-	-	-	-	-	-	0.2
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade <u>2/</u>	-	-	-	-	-	-	-	0.1	0.1	-	-	-	-	-	0.2
All grades	-	-	-	-	-	-	0.8	11.9	55.0	29.7	2.6	-	-	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.1	1.0	2.0	2.2	75.8	15.7	3.1	45

Fiber strength	1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
Percent	-	-	-	-	-	-	-	-	-

1/ Ginnings, Bureau of the Census, 12,038 running bales.

2/ Lower in grade than the lowest grade of the official standards.

Average staple. . . . . 35.2  
Percent tenderable. . . . . 59.0  
Percent Average Rule Used (ARU) . 0.2  
Percent grade reductions. . . . . 11.1

Table 8. -- Percentage distribution of grade and staple for upland cotton classed through specified periods, by states, 1983-84

ALABAMA						ARIZONA				
Grade and Staple	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
Grade White:										
11	-	-	-	-	-	-	-	-	-	-
21	-	*	*	*	*	3.3	1.2	1.0	0.8	0.8
30	-	-	*	*	*	-	*	*	*	*
31	4.6	3.9	3.1	3.1	3.0	48.8	32.4	28.9	26.1	24.4
40	8.6	6.3	4.8	4.6	4.5	5.7	1.8	1.0	1.0	1.0
41	46.8	46.3	43.0	41.6	41.1	18.2	36.2	24.5	25.9	24.8
50	4.1	11.2	9.9	9.5	9.4	0.2	1.1	0.7	0.8	0.8
51	0.9	7.1	10.5	10.8	10.9	0.1	2.4	1.8	2.6	2.8
60	-	0.1	0.1	0.1	0.1	-	-	*	0.1	0.1
61	0.1	0.4	0.9	1.0	1.0	-	*	0.1	0.3	0.4
70	-	-	-	-	-	-	-	-	*	*
71	-	-	0.1	0.1	0.1	-	-	*	*	0.1
Total	65.1	75.3	72.4	70.8	70.1	76.3	75.1	58.0	57.6	55.2
Light Spotted:										
12	-	-	-	-	-	-	-	*	*	*
22	-	*	*	*	*	-	*	*	*	*
32	9.0	3.5	2.7	2.8	2.7	10.7	8.1	18.2	15.8	14.8
42	19.8	16.9	17.6	18.0	18.2	7.1	13.1	17.8	17.3	17.1
52	0.4	2.8	5.0	5.9	6.2	2.4	1.8	3.6	4.5	5.2
Total	29.2	23.2	25.3	26.7	27.1	20.2	23.0	39.6	37.6	37.1
Spotted:										
13	-	-	-	-	-	-	-	*	*	*
23	0.3	0.1	*	*	*	-	*	*	*	*
33	3.5	0.5	0.3	0.3	0.3	-	*	*	0.1	0.1
43	1.3	0.7	1.0	1.0	1.1	*	0.1	0.3	0.5	0.6
53	0.1	0.3	0.6	0.7	0.8	1.4	0.3	0.3	0.4	0.6
Total	5.2	1.6	1.9	2.0	2.2	1.4	0.4	0.6	1.0	1.3
Tinged:										
24	-	-	-	-	-	-	-	-	-	-
34	-	-	*	*	*	-	*	*	*	*
44	0.1	*	*	*	*	-	-	*	*	*
54	0.1	*	*	*	*	-	-	*	*	*
Total	0.2	*	*	*	*	-	*	*	*	*
Stained:										
All grades	-	-	-	-	-	-	*	*	*	*
Light Gray:										
All grades	0.1	*	*	*	*	-	*	*	*	*
Gray:										
All grades	-	-	-	-	-	-	*	*	*	*
Below Grade 1/	0.3	0.1	0.3	0.4	0.4	2.2	1.4	2.0	3.6	6.3
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	-	-	-	-	*	*	*
28	-	-	-	-	-	-	*	*	*	*
29	-	-	-	-	-	*	*	*	*	*
30	-	-	-	-	-	*	*	0.2	0.2	0.3
31	0.1	*	*	*	*	0.2	0.1	0.2	0.2	0.5
32	3.3	1.6	1.0	1.0	0.8	1.6	0.5	0.8	1.3	1.9
33	59.4	20.1	14.7	13.8	10.6	2.2	1.0	1.3	2.3	3.5
34	36.5	46.9	43.5	42.0	35.3	6.2	2.9	7.2	8.7	9.6
35	0.6	27.9	36.0	37.5	40.6	15.7	30.2	53.9	53.7	51.9
36	-	3.5	4.6	5.6	11.4	42.3	54.2	33.0	30.7	29.5
37	-	*	0.1	0.2	1.1	25.5	9.6	3.0	2.5	2.4
38	-	-	-	-	*	6.0	1.4	0.4	0.4	0.3
39	-	-	-	*	*	0.1	*	*	*	*
40 & longer	-	-	-	-	-	-	-	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	33.3	34.1	34.3	34.3	34.5	36.0	35.7	35.3	35.2	35.1
Ginnings 2/	18,194	121,483	162,355	170,493	172,780	5,300	153,314	500,726	655,548	688,028

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

\* Less than 0.05 percent.

Table 8. -- Continued

ARKANSAS						CALIFORNIA				
Grade and Staple	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
Grade White:										
11	-	-	-	-	-	-	-	*	*	*
21	0.2	0.1	*	*	*	2.7	0.3	0.5	0.5	0.5
30	*	*	*	*	*	-	*	*	*	*
31	18.6	8.0	5.8	5.8	5.7	63.6	50.2	39.6	38.6	38.4
40	6.3	3.8	2.7	2.6	2.6	0.5	9.1	8.2	7.5	7.5
41	49.0	50.8	43.3	42.8	42.7	20.0	35.4	38.7	38.3	38.0
50	3.6	13.1	11.1	10.9	10.9	-	1.0	1.4	1.5	1.4
51	1.6	6.7	9.8	9.9	10.0	-	1.8	3.9	4.3	4.3
60	*	0.1	0.2	0.2	0.2	-	*	*	*	*
61	-	0.3	0.6	0.7	0.7	-	*	0.4	0.6	0.6
70	-	-	*	*	*	-	-	*	*	*
71	-	*	*	*	*	-	*	*	0.1	0.1
Total	79.3	82.9	73.5	72.9	72.8	86.8	97.8	92.7	91.4	90.8
Light Spotted:										
12	-	*	*	*	*	-	-	*	*	*
22	0.1	*	*	*	*	0.2	*	*	*	*
32	10.7	3.4	2.5	2.5	2.5	9.6	0.9	2.0	2.2	2.3
42	9.5	11.9	16.6	16.7	16.7	3.4	1.0	3.0	3.4	3.6
52	0.2	1.7	6.1	6.4	6.4	-	0.1	1.3	1.7	1.9
Total	20.5	17.0	25.2	25.6	25.6	13.2	2.0	6.3	7.3	7.8
Spotted:										
13	*	*	*	*	*	-	*	*	*	*
23	*	*	*	*	*	-	*	*	*	*
33	*	*	*	*	*	-	*	0.1	0.1	0.1
43	0.1	0.1	0.2	0.3	0.3	-	*	0.2	0.3	0.3
53	*	0.1	0.4	0.4	0.4	-	*	0.1	0.2	0.3
Total	0.1	0.2	0.6	0.7	0.7	-	*	0.4	0.6	0.7
Tinged:										
24	-	*	*	*	*	-	-	*	*	*
34	*	*	*	*	*	-	*	*	*	*
44	*	*	*	*	*	-	*	*	*	*
54	-	-	*	*	*	-	-	*	*	*
Total	*	*	*	*	*	-	*	*	*	*
Stained:										
All grades	*	*	*	*	*	-	-	*	*	*
Light Gray:										
All grades	*	*	*	*	*	-	0.2	0.2	0.2	0.2
Gray:										
All grades	-	-	*	*	*	-	*	*	*	*
Below Grade 1/	*	0.1	0.7	0.7	0.8	-	*	0.3	0.4	0.6
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	*	*	*	*	-	-	*	*	*
28	-	-	-	-	-	-	-	-	-	*
29	-	*	*	*	*	-	-	*	*	*
30	*	*	*	*	*	-	-	*	*	*
31	*	*	*	*	*	-	*	*	*	*
32	0.2	0.1	0.1	0.1	0.1	-	*	*	0.1	0.1
33	1.4	1.0	1.1	1.2	1.2	-	*	*	0.2	0.3
34	16.3	11.7	10.9	11.1	11.2	3.9	0.6	0.9	1.4	1.6
35	68.8	51.9	51.0	51.0	51.0	61.0	42.9	32.6	33.8	34.0
36	13.3	33.9	35.3	35.0	34.9	31.4	54.7	64.2	62.3	61.9
37	0.1	1.4	1.6	1.6	1.5	3.6	1.7	2.2	2.2	2.1
38	*	*	*	*	*	-	*	*	*	*
39	-	*	*	*	*	-	-	*	*	*
40 & longer	*	*	*	*	*	-	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	34.9	35.2	35.3	35.2	35.2	35.3	35.6	35.7	35.6	35.6
Ginnings 2/	55,037	256,616	311,820	314,521	315,406	1,378	640,097	1,531,291	1,794,477	1,914,806

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

\* Less than 0.05 percent.



Table 8. -- Continued

GEORGIA						LOUISIANA				
Grade and Staple	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
Grade						Grade				
White:						White:				
11	-	-	-	-	-	-	*	*	*	*
21	-	-	-	-	-	*	0.1	0.1	0.1	0.1
30	-	-	-	-	-	-	*	*	*	*
31	-	0.4	1.2	1.3	1.2	7.0	18.9	13.3	13.0	12.9
40	-	0.6	1.0	0.9	0.8	10.5	9.0	5.9	5.8	5.7
41	10.6	24.3	29.4	31.3	29.9	54.6	52.8	48.8	48.1	47.8
50	7.9	15.2	12.1	11.4	10.6	7.4	7.5	8.2	8.1	8.0
51	3.5	10.2	19.2	20.8	22.3	1.3	3.6	8.7	9.2	9.3
60	-	0.3	0.7	0.7	0.6	-	*	0.1	0.1	0.1
61	0.9	0.7	1.0	1.2	1.8	*	0.2	0.7	0.8	1.0
70	-	-	-	-	-	-	-	*	*	*
71	-	*	0.1	0.1	0.1	-	*	*	0.1	0.1
Total	22.9	51.7	64.7	67.7	67.3	80.8	92.1	85.8	85.3	85.0
Light Spotted:						Light Spotted:				
12	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	*	*	*	*
32	3.5	1.6	0.7	0.7	0.6	3.2	2.0	2.1	2.0	2.0
42	53.4	36.1	23.5	21.3	20.6	9.4	4.9	8.6	8.9	9.0
52	10.6	8.3	8.9	8.0	8.6	1.7	0.7	2.8	3.0	3.2
Total	67.5	46.0	33.1	30.0	29.8	14.3	7.6	13.5	13.9	14.2
Spotted:						Spotted:				
13	-	-	-	-	-	-	*	*	*	*
23	-	-	-	-	-	-	-	*	*	*
33	-	0.1	0.1	0.1	0.1	-	*	*	*	*
43	8.8	1.4	1.2	1.1	1.2	0.1	0.1	0.2	0.2	0.2
53	0.9	0.4	0.6	0.7	0.8	1.9	0.1	0.1	0.2	0.2
Total	9.7	1.9	1.9	1.9	2.1	2.0	0.2	0.3	0.4	0.4
Tinged:						Tinged:				
24	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	*	*	*	*
44	-	-	-	*	*	*	*	*	*	*
54	-	-	-	*	*	-	*	*	*	*
Total	-	-	-	*	*	*	*	*	*	*
Stained:						Stained:				
All grades	-	-	-	-	-	-	*	*	*	*
Light Gray:						Light Gray:				
All grades	-	*	*	0.1	0.3	-	*	*	*	*
Gray:						Gray:				
All grades	-	-	-	-	*	-	*	*	*	*
Below Grade 1/	-	0.2	0.3	0.3	0.5	2.9	0.1	0.3	0.4	0.4
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple						Staple				
26 & shorter	-	-	-	-	-	-	-	*	*	*
28	-	-	-	-	-	-	*	*	*	*
29	-	-	-	-	-	-	*	*	*	*
30	-	-	-	-	-	-	*	*	*	*
31	-	-	-	-	-	-	*	*	*	*
32	3.5	0.3	0.1	0.1	0.1	1.2	0.2	0.3	0.3	0.3
33	14.1	1.4	1.5	1.4	1.5	4.9	1.4	1.7	1.7	1.7
34	28.1	13.1	15.5	13.2	13.1	18.3	14.3	15.4	15.1	15.1
35	37.6	46.3	54.2	48.9	47.6	48.4	56.7	55.8	55.4	55.4
36	16.7	32.6	26.4	31.5	32.5	27.2	25.6	25.4	25.9	25.9
37	-	6.3	2.2	4.8	5.1	*	1.8	1.4	1.5	1.5
38	-	*	*	0.1	0.1	-	0.1	0.1	0.1	0.1
39	-	-	-	-	-	-	*	*	*	*
40 & longer	-	*	*	*	*	-	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	34.5	35.3	35.1	35.3	35.3	35.0	35.1	35.1	35.1	35.1
Ginnings 2/	3,117	36,254	81,056	101,093	109,127	18,752	400,853	513,058	517,783	521,762

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

\* Less than 0.05 percent.

Table 8. -- Continued

MISSISSIPPI						MISSOURI				
Grade and Staple	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
Grade White:										
11	-	*	*	*	*	-	-	-	-	-
21	0.8	0.1	0.1	0.1	0.1	1.5	0.8	0.7	0.7	0.7
30	-	*	*	*	*	*	*	*	*	*
31	13.7	10.1	8.1	8.0	8.0	35.3	26.6	23.4	23.3	23.2
40	8.2	4.2	3.4	3.4	3.4	5.5	5.9	5.2	5.2	5.1
41	53.3	55.5	50.2	49.6	49.6	27.0	36.2	33.2	33.1	33.0
50	12.1	12.0	10.7	10.6	10.6	0.6	3.2	3.0	2.9	2.9
51	3.3	9.4	12.2	12.4	12.4	0.3	2.9	6.1	6.2	6.3
60	-	0.2	0.2	0.2	0.2	*	*	*	*	*
61	0.2	0.3	1.0	1.1	1.2	*	*	0.3	0.4	0.4
70	-	*	*	*	*	-	-	-	-	-
71	0.1	*	0.1	0.1	0.1	-	-	*	*	*
Total	91.7	91.8	86.0	85.5	85.6	70.2	75.6	71.9	71.8	71.6
Light Spotted:										
12	-	-	-	-	-	-	-	-	-	-
22	*	*	*	*	*	0.3	0.1	0.1	0.1	0.1
32	1.2	0.8	0.8	0.8	0.8	22.0	12.2	10.8	10.7	10.7
42	4.3	5.8	8.4	8.5	8.5	6.8	9.7	10.4	10.4	10.4
52	0.4	1.2	3.6	3.8	3.9	0.2	1.6	5.2	5.2	5.2
Total	5.9	7.8	12.8	13.1	13.2	29.3	23.6	26.5	26.4	26.4
Spotted:										
13	-	*	*	*	*	*	*	*	*	*
23	-	-	*	*	*	*	*	*	*	*
33	*	*	*	*	*	*	*	*	*	*
43	*	*	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2
53	0.1	*	0.2	0.2	0.2	*	0.1	0.5	0.5	0.5
Total	0.1	*	0.4	0.4	0.4	0.1	0.2	0.7	0.7	0.7
Tinged:										
24	-	-	-	-	-	-	-	-	-	-
34	-	*	*	*	*	*	*	*	*	*
44	-	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	-	*	*	*	*
Total	*	*	*	*	*	*	*	*	*	*
Stained:										
All grades	-	*	*	*	*	-	-	-	-	-
Light Gray:										
All grades	*	*	*	*	*	0.1	0.2	0.2	0.2	0.2
Gray:										
All grades	-	-	*	*	*	-	*	*	*	*
Below Grade 1/	2.2	0.2	0.8	0.9	0.9	0.2	0.2	0.7	0.7	0.7
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	*	*	*	*	-	-	*	*	*
28	-	-	-	-	-	-	-	-	-	-
29	-	*	*	*	*	-	-	-	-	-
30	*	*	*	*	*	-	*	*	*	*
31	0.1	*	*	*	*	0.1	0.1	0.1	0.1	0.1
32	0.9	0.1	0.1	0.1	0.1	0.2	0.5	0.5	0.5	0.5
33	10.5	1.5	1.5	1.6	1.7	1.2	1.2	1.9	2.0	2.1
34	54.9	22.6	22.4	22.8	22.8	25.7	19.7	22.1	22.2	22.3
35	32.0	65.6	65.1	64.7	64.6	68.1	63.3	61.5	61.3	61.2
36	1.6	10.1	10.8	10.7	10.7	4.7	14.8	13.5	13.5	13.5
37	*	*	*	*	*	0.1	0.5	0.4	0.4	0.4
38	-	*	*	*	*	-	-	-	-	-
39	-	*	*	*	*	-	-	-	-	-
40 & longer	-	*	*	*	*	-	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	34.2	34.8	34.9	34.8	34.8	34.8	34.9	34.9	34.9	34.9
Ginnings 2/	80.912	724.008	854.299	861.089	867.086	41.123	65.644	70.617	71.010	71.101

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

\* Less than 0.05 percent.

Table 8. -- Continued

## NEW MEXICO

## NORTH CAROLINA

Grade and Staple	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
Grade										
White:										
11	-	-	*	*	*	-	-	-	-	-
21	-	-	0.7	0.4	0.4	-	*	*	*	*
30	-	-	0.3	0.2	0.2	-	-	-	-	-
31	-	-	12.1	8.1	7.7	2.4	1.2	0.8	0.7	0.7
40	-	-	4.6	3.2	3.0	2.4	0.5	0.3	0.3	0.3
41	-	-	40.0	34.7	33.2	40.2	32.0	24.8	24.2	24.1
50	-	-	4.5	4.6	4.3	12.5	9.2	7.2	7.1	7.0
51	-	-	13.7	18.2	17.7	7.5	16.1	17.6	18.1	18.2
60	-	-	0.1	0.1	0.1	-	0.4	0.8	0.9	0.9
61	-	-	3.1	4.8	5.0	-	*	0.8	1.3	1.4
70	-	-	-	*	*	-	-	0.1	0.1	0.1
71	-	-	0.1	0.4	0.8	-	*	0.3	0.3	0.3
Total	-	-	79.2	74.7	72.4	65.0	59.4	52.7	53.0	53.0
Light Spotted:										
12	-	-	-	-	-	-	-	-	-	-
22	-	-	*	*	*	1.3	0.1	0.1	*	*
32	-	-	2.2	1.8	1.8	8.8	4.5	3.0	3.0	2.9
42	-	-	12.1	11.6	11.7	22.5	29.3	30.9	29.9	29.8
52	-	-	4.8	8.2	8.5	2.4	5.0	10.9	11.1	11.1
Total	-	-	19.1	21.6	22.0	35.0	38.9	44.9	44.0	43.8
Spotted:										
13	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	*	-	-	-	-	-
33	-	-	0.1	0.1	0.2	-	0.1	0.1	0.1	0.1
43	-	-	0.4	0.7	0.7	-	1.1	1.5	1.6	1.6
53	-	-	0.6	0.9	1.0	-	0.2	0.6	0.7	0.7
Total	-	-	1.1	1.7	1.9	-	1.4	2.2	2.4	2.4
Tinged:										
24	-	-	-	-	-	-	-	-	-	-
34	-	-	*	*	*	-	-	-	-	-
44	-	-	*	0.1	0.1	-	-	-	-	-
54	-	-	*	*	*	-	-	*	*	*
Total	-	-	*	0.1	0.1	-	-	*	*	*
Stained:										
All grades	-	-	-	-	-	-	-	-	-	-
Light Gray:										
All grades	-	-	*	*	*	-	*	*	*	*
Gray:										
All grades	-	-	-	-	-	-	-	-	-	-
Below Grade 1/	-	-	0.4	1.9	3.4	-	0.2	0.5	0.6	0.6
All grades	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 1/4 shorter	-	-	-	-	-	-	-	-	-	-
28	-	-	*	*	*	-	-	-	-	-
29	-	-	*	0.1	0.1	-	-	-	-	-
30	-	-	0.1	0.4	0.5	-	*	*	*	*
31	-	-	0.9	1.8	2.0	-	*	*	*	*
32	-	-	2.1	3.6	3.8	2.4	0.8	0.5	0.5	0.5
33	-	-	3.1	5.5	5.7	22.5	9.6	8.9	9.5	9.6
34	-	-	4.1	8.0	8.3	30.1	31.3	36.3	38.2	38.4
35	-	-	6.2	10.5	11.2	28.7	43.7	44.3	42.5	42.2
36	-	-	14.0	17.8	18.4	16.2	14.2	9.7	9.2	9.1
37	-	-	40.0	33.2	32.0	-	0.3	0.2	0.1	0.1
38	-	-	22.7	14.9	14.0	-	-	-	-	-
39	-	-	5.5	3.4	3.2	-	-	-	-	-
40 & longer	-	-	1.4	0.7	0.7	-	-	-	-	-
All staples	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	-	-	36.7	36.1	36.0	34.3	34.6	34.5	34.5	34.5
Ginnings 2/	D	D	42,434	61,390	63,719	3,735	28,318	D	41,789	42,051

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

D Withheld to avoid disclosure of individual gins.

\* Less than 0.05 percent.



Table 8. -- Continued

Grade and Staple	OKLAHOMA					SOUTH CAROLINA				
	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
Grade										
White:										
11	-	-	-	-	-	-	-	-	-	-
21	-	11.3	2.2	1.0	0.9	-	-	-	-	-
30	-	0.2	*	*	*	-	-	-	-	-
31	-	33.1	6.4	3.1	2.8	-	-	-	-	-
40	-	3.4	0.6	0.3	0.3	-	1.1	0.9	0.9	0.9
41	-	9.0	5.7	3.3	3.0	-	0.4	0.3	0.3	0.3
50	-	0.2	0.1	*	*	31.0	25.5	24.1	23.7	23.5
51	-	1.1	2.6	1.6	1.4	6.4	6.1	5.9	5.7	5.7
60	-	*	0.1	0.1	0.1	6.4	12.1	12.3	12.3	12.2
61	-	*	2.9	1.8	1.6	0.3	0.2	0.2	0.3	0.3
70	-	-	-	-	*	-	0.3	0.6	0.7	0.8
71	-	*	0.2	0.1	0.1	-	-	*	0.1	0.1
Total	-	58.3	20.8	11.3	10.2	-	-	*	0.2	0.2
Light Spotted:						44.1	45.7	44.3	44.2	44.0
12	-	-	-	-	-	-	-	-	-	-
22	-	1.5	0.4	0.2	0.2	-	-	-	-	-
32	-	16.4	3.5	1.7	1.5	10.2	6.1	5.2	5.1	5.1
42	-	15.1	11.6	12.0	12.2	42.1	35.6	34.3	33.9	33.8
52	-	2.9	28.3	30.0	29.9	2.0	10.1	12.6	12.9	13.0
Total	-	35.9	43.8	43.9	43.8	54.3	51.8	52.1	51.9	51.9
Spotted:										
13	-	-	-	-	-	-	-	-	-	-
23	-	0.1	*	*	*	-	-	-	-	-
33	-	2.8	0.7	0.4	0.4	-	0.2	0.2	0.2	0.3
43	-	2.5	11.3	12.9	13.1	0.6	1.1	1.4	1.5	1.6
53	-	0.3	12.7	17.7	17.6	0.9	0.9	1.2	1.3	1.4
Total	-	5.7	24.7	31.0	31.1	1.5	2.2	2.8	3.0	3.3
Tinged:										
24	-	-	-	-	-	-	-	-	-	-
34	-	-	-	*	*	-	-	-	-	-
44	-	0.1	0.4	0.3	0.3	-	-	-	-	-
54	-	-	0.4	0.5	0.6	-	-	*	*	*
Total	-	0.1	0.8	0.8	0.9	-	-	*	*	*
Stained:										
All grades	-	-	*	*	*	-	-	-	-	-
Light Gray:										
All grades	-	-	*	*	*	-	-	-	-	-
Gray:										
All grades	-	-	-	-	-	-	-	-	-	-
Below Grade 1/	-	*	10.0	13.1	14.0	-	0.2	0.7	0.8	0.8
All grades	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	0.3	0.2	0.2	0.2	-	-	-	-	-
28	-	1.3	1.5	1.9	1.9	-	-	-	-	-
29	-	3.5	5.1	5.8	5.8	-	-	-	-	-
30	-	9.3	12.8	15.4	15.6	-	-	-	-	-
31	-	7.4	13.4	17.9	18.5	-	-	-	-	-
32	-	3.6	9.0	13.1	13.9	1.2	0.3	0.3	0.3	0.3
33	-	4.2	9.5	10.7	11.0	8.2	4.4	4.4	4.5	4.7
34	-	8.4	16.1	13.9	13.4	33.4	26.1	27.7	28.7	28.8
35	-	8.8	14.5	10.7	10.1	40.1	41.6	43.1	42.6	42.4
36	-	25.8	11.8	7.3	6.7	13.7	24.4	21.9	21.4	21.3
37	-	25.0	5.7	3.1	2.8	3.5	3.1	2.6	2.5	2.5
38	-	2.0	0.4	0.2	0.2	-	0.1	*	*	*
39	-	0.4	0.1	*	*	-	-	-	-	-
40 & longer	-	0.1	*	*	*	-	-	-	-	-
All staples	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	-	34.5	33.0	32.4	32.3	34.7	34.9	34.9	34.9	34.9
Ginnings 2/	D	11,637	66,075	129,548	139,392	10,063	43,150	49,132	50,022	50,502

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

D Withheld to avoid disclosure of individual gins.

\* Less than 0.05 percent.

Table 8. -- Continued

Grade and Staple	TENNESSEE					TEXAS				
	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
Grade										
White:										
11	-	*	*	*	*	-	-	*	*	*
21	0.4	0.6	0.4	0.4	0.4	0.1	0.5	0.3	0.2	0.2
30	*	*	*	*	*	*	*	*	*	*
31	27.1	21.5	16.6	16.5	16.4	4.1	6.8	3.8	2.5	2.4
40	4.8	4.5	3.4	3.4	3.3	3.2	2.8	1.4	0.9	0.9
41	49.9	48.8	41.7	41.4	41.2	31.4	26.5	14.9	10.1	9.7
50	2.3	6.1	5.4	5.4	5.4	5.1	4.3	2.3	1.5	1.4
51	2.6	6.1	8.2	8.3	8.3	15.8	12.5	7.7	5.6	5.4
60	*	0.1	0.1	0.2	0.2	0.1	0.1	0.1	*	*
61	0.1	0.3	0.9	1.0	1.0	2.8	2.4	1.8	1.4	1.4
70	-	*	*	*	*	*	*	*	*	*
71	*	*	0.1	0.1	0.1	0.3	0.3	0.2	0.1	0.1
Total	87.2	88.0	76.8	76.7	76.3	62.9	56.2	32.5	22.3	21.5
Light Spotted:										
12	-	-	*	*	*	-	-	*	*	*
22	*	*	*	*	*	*	0.2	0.1	0.1	0.1
32	5.8	3.4	2.9	2.9	2.9	3.6	8.5	6.7	5.6	5.6
42	5.9	7.0	13.0	13.0	13.0	18.0	20.0	22.7	24.3	24.6
52	0.7	1.1	5.1	5.3	5.4	12.0	10.7	19.1	22.7	22.7
Total	12.4	11.5	21.0	21.2	21.3	33.6	39.4	48.6	52.7	53.0
Spotted:										
13	-	-	-	-	-	-	*	*	*	*
23	-	*	*	*	*	*	*	*	*	*
33	*	0.1	0.1	0.1	0.1	0.2	0.7	0.9	1.0	1.2
43	0.1	0.2	0.6	0.6	0.6	0.7	1.0	4.6	6.9	7.3
53	*	0.1	0.6	0.6	0.6	0.7	0.8	6.6	8.8	8.8
Total	0.1	0.4	1.3	1.3	1.3	1.6	2.5	12.1	16.7	17.3
Tinged:										
24	*	*	*	*	*	*	*	*	*	*
34	*	*	*	*	*	*	0.1	0.1	0.1	0.1
44	-	-	*	*	*	0.1	0.1	0.6	0.7	0.7
54	-	-	*	*	*	*	*	0.9	1.1	1.1
Total	*	*	*	*	*	0.1	0.2	1.6	1.9	1.9
Stained:										
All grades	-	-	-	-	-	*	*	*	*	*
Light Gray:										
All grades	*	*	0.1	0.1	0.1	*	*	*	*	*
Gray:										
All grades	*	*	*	*	*	*	*	*	*	*
Below Grade 1/	0.4	0.2	0.6	0.7	0.8	1.8	1.7	5.2	6.4	6.3
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	-	-	*	0.1	0.1	0.1	0.1
28	-	-	-	-	-	*	0.3	0.6	0.7	0.8
29	-	-	-	-	-	0.1	0.8	1.8	2.2	2.4
30	-	*	*	*	*	0.8	3.3	7.0	9.0	9.6
31	*	*	0.1	0.1	0.1	4.2	8.6	15.2	18.6	19.0
32	0.2	1.0	2.2	2.3	2.4	8.8	10.6	15.4	17.9	18.0
33	8.7	16.7	23.2	23.4	23.5	13.9	13.4	15.0	15.9	15.7
34	59.5	59.8	55.9	55.7	55.6	26.4	22.2	17.6	15.4	15.1
35	30.8	21.9	18.1	18.0	17.9	27.4	23.2	15.2	11.4	11.0
36	0.7	0.6	0.5	0.5	0.5	13.3	12.3	8.3	6.0	5.7
37	*	*	*	*	*	4.6	4.5	3.2	2.2	2.1
38	-	-	-	-	-	0.5	0.6	0.5	0.4	0.4
39	-	-	-	-	-	*	0.1	0.1	0.1	0.1
40 & longer	-	-	-	-	-	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	34.2	34.0	33.9	33.9	33.9	34.2	33.8	33.1	32.7	32.7
Ginnings 2/	42,251	122,341	142,489	143,656	144,723	482,567	729,138	1,579,021	2,202,724	2,300,813

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

\* Less than 0.05 percent.

Table 8. -- Continued

OTHER STATES 1/					
Grade and Staple	Prior to				Crop
	October 1	November 1	December 1	January 1	
Grade					
White:					
11	-	*	-	-	-
21	-	3.2	-	-	-
30	-	1.5	-	-	-
31	-	23.4	3.3	2.8	2.7
40	-	2.8	5.7	4.4	4.1
41	-	35.4	53.9	50.6	48.8
50	-	4.4	14.2	12.5	12.1
51	-	6.8	11.6	13.5	13.6
60	-	-	-	0.1	0.1
61	-	0.2	0.5	1.1	1.1
70	-	-	-	-	-
71	-	-	-	0.1	0.1
Total	-	77.7	89.2	85.1	82.6
Light Spotted:					
12	-	-	-	-	-
22	-	*	-	-	-
32	-	4.4	0.3	0.8	0.8
42	-	15.2	8.3	10.8	12.4
52	-	2.4	2.1	2.9	3.5
Total	-	22.0	10.7	14.5	16.7
Spotted:					
13	-	-	-	-	-
23	-	-	-	-	-
33	-	0.1	-	-	-
43	-	0.1	0.1	0.2	0.3
53	-	*	-	-	0.2
Total	-	0.2	0.1	0.2	0.5
Tinged:					
24	-	-	-	-	-
34	-	-	-	-	-
44	-	-	-	-	-
54	-	-	-	-	-
Total	-	-	-	-	-
Stained:					
All grades	-	-	-	-	-
Light Gray:					
All grades	-	-	-	-	-
Gray:					
All grades	-	-	-	-	-
Below Grade 2/	-	*	-	0.2	0.2
All grades	-	100.0	100.0	100.0	100.0
Staple					
26 & shorter	-	-	-	-	-
28	-	*	-	-	-
29	-	-	-	-	-
30	-	-	-	-	-
31	-	-	-	-	-
32	-	0.1	-	-	-
33	-	0.5	0.5	0.4	0.8
34	-	4.5	13.2	10.9	11.9
35	-	17.6	61.6	55.4	55.0
36	-	18.4	23.7	30.5	29.7
37	-	31.5	1.1	2.8	2.6
38	-	17.5	-	-	-
39	-	6.7	-	-	-
40 & longer	-	3.1	-	-	-
All staples	-	100.0	100.0	100.0	100.0
Average staple	-	36.7	35.1	35.2	35.2

1/ Prior to October 1 includes New Mexico and Oklahoma; prior to November 1, New Mexico and Florida; prior to December 1, North Carolina and Florida.

2/ Lower in grade than the lowest grades of the official standards.

3/ As reported by the Bureau of the Census, running bales.

D Withheld to avoid disclosure of individual gins.

\* Less than 0.05 percent.



Table 9. -- Percentage distribution of grade and staple for upland cotton classed by marketing services offices, 1983-84

	ABILENE		ALTUS		BAKERSFIELD	BIRMINGHAM	CORPUS CHRISTI
Grade and Staple	Texas	Oklahoma	Texas	Marketing Services Office	California	Alabama	Texas
<b>Grade</b>							
<b>White:</b>							
11	-	-	-	-	-	-	-
21	0.8	0.9	*	0.5	0.8	*	*
30	*	*	*	*	*	*	*
31	6.7	2.8	*	1.4	44.1	3.0	3.9
40	0.4	0.3	*	0.1	3.9	4.4	0.4
41	5.1	3.0	1.0	2.0	35.6	41.6	22.8
50	*	*	0.2	0.1	1.4	9.6	1.6
51	2.4	1.4	1.7	1.5	4.5	11.0	12.3
60	-	0.1	*	*	*	0.1	*
61	0.4	1.6	0.6	1.1	0.6	1.0	2.7
70	-	*	-	*	*	-	-
71	0.1	0.1	*	0.1	0.1	0.1	0.2
Total	15.9	10.2	3.5	6.8	91.0	70.8	43.9
<b>Light Spotted:</b>							
12	*	-	-	-	*	-	-
22	0.2	0.2	*	0.1	*	*	*
32	14.5	1.5	1.1	1.3	2.3	2.6	5.9
42	41.7	12.2	21.9	17.0	3.5	17.8	25.9
52	14.2	29.9	33.3	31.6	2.0	6.0	16.8
Total	70.6	43.8	56.3	50.0	7.8	26.4	48.6
<b>Spotted:</b>							
13	*	-	-	-	-	-	-
23	*	*	-	*	*	*	*
33	2.0	0.4	1.1	0.8	0.1	0.3	0.4
43	8.2	13.1	15.5	14.3	0.2	1.0	1.5
53	2.1	17.6	14.6	16.1	0.3	0.7	1.8
Total	12.3	31.1	31.2	31.2	0.6	2.0	3.7
<b>Tinged:</b>							
24	*	-	-	-	*	*	-
34	0.1	*	*	*	*	*	*
44	0.4	0.3	0.3	0.3	*	*	0.2
54	0.1	0.6	0.4	0.5	*	*	0.1
Total	0.6	0.9	0.7	0.8	*	*	0.3
<b>Stained:</b>							
All grades	*	*	-	*	*	-	-
<b>Light Gray:</b>							
All grades	*	*	*	*	0.3	*	*
<b>Gray:</b>							
All grades	*	-	-	-	*	-	-
Below Grade 1/	0.5	14.0	8.1	11.1	0.4	0.4	3.4
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Staple</b>							
26 & shorter	0.1	0.2	0.2	0.2	*	-	*
28	1.6	1.9	2.0	1.9	-	-	0.1
29	5.2	5.8	6.9	6.3	-	-	0.2
30	19.2	15.6	25.0	20.2	-	-	2.0
31	33.2	18.5	30.1	24.2	*	*	10.4
32	20.6	13.9	17.3	15.6	*	0.9	17.9
33	11.1	11.0	9.9	10.4	*	12.8	19.4
34	6.1	13.4	5.8	9.7	1.8	40.0	19.4
35	2.1	10.1	2.1	6.1	55.1	38.8	11.3
36	0.5	6.7	0.6	3.7	42.9	7.2	11.1
37	0.1	2.8	0.1	1.4	0.1	0.3	7.4
38	*	0.2	*	0.1	*	-	0.7
39	-	*	-	*	*	*	0.1
40 & longer	*	*	-	*	*	-	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	31.4	32.3	31.2	31.8	35.4	34.4	33.6
Ginnings	295,617	139,392	137,522	276,914	944,271	172,780	163,294

1/ Lower in grade than the lowest grade of the official standards.

\* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	EL CENTRO			EL PASO			
	Arizona	California	Marketing Services Office	Arizona	New Mexico	Texas	Marketing Services Office
Grade							
White:							
11	-	-	-	-	*	*	*
21	0.7	0.8	0.8	0.1	0.4	1.0	0.5
30	*	*	*	-	0.2	0.1	0.1
31	34.2	47.2	41.8	9.8	8.6	11.7	10.0
40	1.9	2.8	2.4	1.4	3.4	1.7	2.3
41	26.4	21.8	23.7	24.7	37.0	21.9	28.7
50	0.8	0.5	0.6	1.9	4.8	4.6	4.0
51	2.4	1.2	1.7	5.7	19.2	14.9	14.1
60	*	*	*	0.1	0.2	0.2	0.1
61	0.2	0.1	0.1	0.6	5.4	6.2	4.3
70	-	-	-	*	*	*	*
71	*	*	*	0.2	0.9	1.0	0.7
Total	66.6	74.4	71.1	44.5	80.1	63.3	64.8
Light Spotted:							
12	-	-	-	-	-	-	-
22	*	*	*	*	*	*	*
32	10.4	11.1	10.8	7.7	1.6	2.3	3.5
42	9.1	4.6	6.4	26.9	9.3	12.6	15.2
52	4.9	5.4	5.2	7.9	5.1	13.9	8.7
Total	24.4	21.1	22.4	42.5	16.0	28.8	27.4
Spotted:							
13	-	*	*	*	-	-	*
23	*	*	*	*	-	-	*
33	*	*	*	0.9	*	0.1	0.3
43	0.3	0.1	0.2	3.7	0.3	1.1	1.5
53	0.8	0.7	0.7	2.6	0.2	1.6	1.3
Total	1.1	0.8	0.9	7.2	0.5	2.8	3.1
Tinged:							
24	-	-	-	-	-	-	-
34	-	-	-	*	*	0.1	*
44	*	-	*	0.4	0.1	0.2	0.2
54	*	*	*	0.2	*	0.2	0.1
Total	*	*	*	0.6	0.1	0.5	0.3
Stained:							
All grades	*	-	*	*	-	-	*
Light Gray:							
All grades	*	*	*	*	*	0.2	0.1
Gray:							
All grades	*	-	*	-	-	*	*
Below Grade 1/	7.7	3.6	5.2	5.1	3.2	4.0	4.0
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple							
26 shorter	*	-	*	-	-	*	*
28	0.1	*	*	*	*	*	*
29	0.1	*	0.1	*	-	0.1	*
30	0.7	0.1	0.3	0.4	*	0.5	0.3
31	1.1	0.3	0.6	2.1	0.2	2.2	1.4
32	2.5	1.0	1.7	4.6	1.8	5.6	3.8
33	4.4	3.3	3.7	6.5	4.4	13.2	7.8
34	8.6	9.8	9.3	14.1	7.4	29.8	16.5
35	38.7	53.4	47.3	25.2	10.9	26.4	19.8
36	38.2	31.5	34.3	27.2	19.2	14.2	19.8
37	4.7	0.6	2.3	16.2	35.9	6.4	20.9
38	0.8	*	0.3	3.2	15.9	1.4	7.7
39	*	-	*	0.4	3.6	0.1	1.6
40 & longer	*	*	*	0.1	0.7	*	0.4
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.2	35.1	35.1	35.2	36.4	34.5	35.4
Ginnings	130,771	131,430	262,201	30,081	55,950	45,428	131,459

1/ Lower in grade than the lowest grade of the official standards.

\* Less than 0.05 percent.

Table 9. -- Continued

	FLORENCE			FRESNO	GREENWOOD	HARLINGEN
Grade and Staple	North Carolina	South Carolina	Marketing Services Office	California	Mississippi	Texas
<u>Grade</u>						
<u>White:</u>						
11	-	-	-	*	*	-
21	*	-	*	0.2	0.1	0.1
30	-	-	-	*	*	*
31	0.7	0.9	0.8	32.0	8.4	4.3
40	0.3	0.3	0.3	11.4	3.6	5.4
41	24.1	23.5	23.8	42.7	50.4	43.1
50	7.0	5.7	6.3	1.6	10.3	8.2
51	18.2	12.2	15.0	4.6	11.7	15.8
60	0.9	0.3	0.6	*	0.2	0.1
61	1.4	0.8	1.1	0.7	1.0	1.3
70	0.1	0.1	*	*	*	*
71	0.3	0.2	0.2	0.1	0.1	0.1
Total	53.0	44.0	48.1	93.3	85.8	78.4
<u>Light Spotted:</u>						
12	-	-	-	*	-	-
22	*	-	*	*	*	*
32	2.9	5.1	4.1	1.0	0.8	1.0
42	29.8	33.8	31.9	3.5	8.3	12.1
52	11.1	13.0	12.1	1.1	3.8	7.0
Total	43.8	51.9	48.1	5.6	12.9	20.1
<u>Spotted:</u>						
13	-	-	-	*	*	-
23	-	-	-	*	*	*
33	0.1	0.3	0.2	0.1	*	*
43	1.6	1.6	1.6	0.5	0.2	0.2
53	0.7	1.4	1.1	0.2	0.2	0.3
Total	2.4	3.3	2.9	0.8	0.4	0.5
<u>Tinged:</u>						
24	-	-	-	-	-	*
34	-	-	-	*	*	*
44	-	-	-	*	*	*
54	*	*	*	*	*	*
Total	*	*	*	*	*	*
<u>Stained:</u>						
All grades	-	-	-	*	*	-
<u>Light Gray:</u>						
All grades	*	-	*	0.1	*	*
<u>Gray:</u>						
All grades	-	-	-	*	*	*
Below Grade 1/	0.6	0.8	0.7	0.2	0.9	0.7
All grades	100.0	100.0	100.0	100.0	100.0	100.0
<u>Staple</u>						
26 & shorter	-	-	-	*	*	-
28	-	-	-	-	-	*
29	-	-	-	-	-	-
30	*	-	*	*	*	*
31	*	-	*	*	*	0.3
32	0.5	0.3	0.4	*	0.1	1.8
33	9.6	4.7	6.9	*	1.1	5.9
34	38.4	28.8	33.2	0.2	20.7	29.5
35	42.2	42.4	42.3	12.1	66.9	44.5
36	9.1	21.3	15.6	83.6	11.1	16.3
37	0.1	2.5	1.4	4.0	*	1.6
38	-	*	*	*	*	0.1
39	-	-	-	*	*	*
40 & longer	-	-	-	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	34.5	34.9	34.7	35.9	34.9	34.7
Ginnings	42,051	50,502	92,553	839,105	775,919	208,738

1/ Lower in grade than the lowest grade of the official standards.

\* Less than 0.05 percent.



Table 9. -- Continued

Grade and Staple	HAYTI			LAMESA		
	Arkansas	Missouri	Marketing Services Office	New Mexico	Texas	Marketing Services Office
<b>Grade</b>						
<b>White:</b>						
11	-	-	-	-	*	*
21	0.1	0.7	0.4	-	*	*
30	*	*	*	-	*	*
31	11.5	23.2	17.4	0.7	1.2	1.2
40	4.8	5.1	5.0	0.2	0.1	0.1
41	44.7	33.0	38.8	7.1	4.8	4.8
50	6.9	2.9	4.9	0.1	*	*
51	8.1	6.3	7.2	8.1	3.8	3.9
60	*	*	*	-	*	*
61	0.3	0.4	0.4	3.6	1.8	1.9
70	-	-	-	-	-	-
71	*	*	*	0.3	0.1	0.1
Total	76.4	71.6	74.1	20.1	11.8	12.0
<b>Light Spotted:</b>						
12	-	-	-	-	-	-
22	*	0.1	0.1	-	0.2	0.2
32	5.4	10.7	8.1	6.0	10.5	10.5
42	11.2	10.4	10.8	37.0	38.7	38.6
52	5.4	5.2	5.3	30.2	29.0	29.0
Total	22.0	26.4	24.3	73.2	78.4	78.3
<b>Spotted:</b>						
13	*	*	*	-	-	-
23	*	*	*	0.1	0.1	0.1
33	*	*	*	1.8	2.4	2.4
43	0.2	0.2	0.2	0.6	3.1	3.1
53	0.6	0.5	0.6	0.6	1.3	1.3
Total	0.8	0.7	0.8	3.1	6.9	6.9
<b>Tinged:</b>						
24	-	-	-	-	*	*
34	*	*	*	-	*	*
44	*	*	*	0.1	0.1	0.1
54	-	*	*	*	0.1	0.1
Total	*	*	*	0.1	0.2	0.2
<b>Stained:</b>						
All grades	*	-	*	-	*	*
<b>Light Gray:</b>						
All grades	*	0.2	0.1	-	*	*
<b>Gray:</b>						
All grades	-	*	*	-	-	-
Below Grade 1/	0.5	0.7	0.6	3.4	2.4	2.4
All grades	100.0	100.0	100.0	100.0	100.0	100.0
<b>Staple</b>						
26 & shorter	*	*	*	-	*	*
28	-	-	-	0.1	0.3	0.3
29	-	-	-	0.5	1.3	1.3
30	*	*	*	2.0	6.6	6.5
31	*	0.1	*	7.1	14.6	14.5
32	0.1	0.5	0.3	9.1	16.1	16.0
33	1.9	2.1	2.0	13.3	17.3	17.3
34	19.7	22.3	21.1	18.9	16.7	16.7
35	61.9	61.2	61.5	20.7	12.6	12.7
36	16.2	13.5	14.8	20.1	8.6	8.8
37	0.1	0.4	0.3	6.4	4.1	4.1
38	*	-	*	1.0	1.5	1.5
39	-	-	-	0.4	0.3	0.3
40 & longer	*	*	*	0.1	0.1	0.1
All staples	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	34.9	34.9	34.9	34.2	33.2	33.2
Ginnings	72,085	71,101	143,186	4,308	280,364	284,672

1/ Lower in grade than the lowest grade of the official standards.

\* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	LITTLE ROCK	LUBBOCK			MACON
	Arkansas	New Mexico	Texas	Marketing Services Office	Georgia
Grade					
White:					
11	-	-	*	*	-
21	*	-	*	*	-
30	*	-	*	*	-
31	3.7	0.4	0.2	0.2	1.2
40	1.9	0.5	0.1	0.1	0.8
41	41.6	4.9	1.0	1.0	29.9
50	12.1	0.4	*	*	10.6
51	10.7	5.0	1.3	1.3	22.3
60	0.2	-	*	*	0.6
61	0.9	1.7	0.5	0.5	1.8
70	*	-	*	*	-
71	0.1	0.2	*	*	0.1
Total	71.2	13.1	3.1	3.1	67.3
Light Spotted:					
12	*	-	*	*	-
22	*	-	0.1	0.1	-
32	1.6	0.8	2.9	2.8	0.6
42	18.9	20.0	19.9	19.9	20.6
52	6.9	37.1	28.5	28.6	8.6
Total	27.4	57.9	51.4	51.4	29.8
Spotted:					
13	*	-	-	-	-
23	*	-	*	*	-
33	*	0.3	1.2	1.2	0.2
43	0.3	8.6	11.3	11.3	1.2
53	0.3	13.5	17.3	17.3	0.8
Total	0.6	22.4	29.8	29.8	2.2
Tinged:					
24	*	-	*	*	-
34	-	-	0.1	0.1	-
44	*	*	1.4	1.4	*
54	*	0.1	2.5	2.5	*
Total	*	0.1	4.0	4.0	*
Stained:					
All grades	*	-	*	*	-
Light Gray:					
All grades	*	-	*	*	0.3
Gray:					
All grades	*	-	*	*	*
Below Grade 1/	0.9	6.4	11.7	11.7	0.5
All grades	100.0	100.0	100.0	100.0	100.0
Staple					
26 & shorter	*	-	0.2	0.2	-
28	-	0.5	1.0	1.0	-
29	*	1.4	2.7	2.7	-
30	-	7.3	10.7	10.7	-
31	*	26.3	23.4	23.4	-
32	0.1	31.1	23.6	23.6	0.1
33	0.6	16.1	19.0	19.0	1.5
34	7.2	9.7	12.5	12.5	13.1
35	48.1	4.4	4.5	4.5	47.6
36	42.1	2.7	1.8	1.8	32.5
37	2.0	0.4	0.5	0.5	5.1
38	*	-	*	*	0.1
39	*	-	*	*	-
40 & longer	*	-	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0
Average staple	35.4	32.1	32.1	32.1	35.3
Ginnings	232,438	3,461	967,575	971,036	109,127

1/ Lower in grade than the lowest grade of the official standards.

\* Less than 0.05 percent.

Table 9. — Continued

Grade and Staple	MEMPHIS				PHOENIX	WACO	WINNSBORO
	Arkansas	Mississippi	Tennessee	Marketing Services Office	Arizona	Texas	Louisiana
Grade							
White:							
11	-	-	*	*	-	*	*
21	0.1	*	0.4	0.3	0.8	0.1	0.1
30	-	-	*	*	*	*	*
31	12.9	4.5	16.4	11.9	23.7	4.7	12.9
40	4.4	1.2	3.3	2.6	0.8	2.4	5.7
41	53.5	42.3	41.2	42.2	24.6	22.9	47.8
50	12.5	13.0	5.4	8.4	0.7	4.8	8.0
51	5.3	18.5	8.3	11.9	2.6	16.3	9.3
60	0.1	0.7	0.2	0.4	0.1	0.2	0.1
61	0.5	2.2	1.0	1.5	0.5	5.3	1.0
70	-	*	*	*	*	*	*
71	*	0.2	0.1	0.2	0.1	0.8	0.1
Total	89.3	82.6	76.3	79.4	53.9	57.5	85.0
Light Spotted:							
12	-	-	*	*	*	-	-
22	-	-	*	*	*	0.1	*
32	1.3	0.9	2.9	2.1	16.0	6.4	2.0
42	5.6	10.1	13.0	11.6	17.7	18.9	9.0
52	2.3	4.6	5.4	5.0	5.1	13.9	3.2
Total	9.2	15.6	21.3	18.7	38.8	39.3	14.2
Spotted:							
13	-	-	-	-	-	*	*
23	-	-	*	*	*	*	*
33	*	*	0.1	0.1	0.1	0.1	*
43	*	0.3	0.6	0.5	0.5	0.4	0.2
53	0.1	0.4	0.6	0.5	0.5	0.4	0.2
Total	0.1	0.7	1.3	1.1	1.1	0.9	0.4
Tinged:							
24	-	-	*	*	-	-	-
34	-	*	*	*	*	*	*
44	-	*	*	*	*	0.1	*
54	-	*	*	*	*	*	*
Total	-	*	*	*	*	0.1	*
Stained:							
All grades	-	-	-	-	*	*	*
Light Gray:							
All grades	0.1	*	0.1	0.1	*	*	*
Gray:							
All grades	*	-	*	*	*	-	*
Below Grade 1/	1.2	0.8	0.8	0.8	6.3	2.1	0.5
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple							
26 & shorter	-	-	-	-	*	*	*
28	-	-	-	-	*	*	*
29	-	*	-	*	*	0.1	*
30	-	-	*	*	0.2	1.5	*
31	0.1	*	0.1	0.1	0.2	5.4	*
32	1.1	0.4	2.4	1.6	1.6	9.8	0.3
33	10.6	6.3	23.5	16.7	3.1	16.6	1.7
34	41.9	41.1	55.6	49.7	9.4	23.6	15.1
35	42.9	45.2	17.9	28.8	55.9	20.7	55.4
36	3.4	6.9	0.5	2.9	28.2	14.5	25.9
37	-	0.1	*	*	1.1	6.9	1.5
38	-	-	-	-	0.1	0.8	0.1
39	-	-	-	-	*	0.1	*
40 & longer	-	-	-	-	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	34.4	34.5	33.9	34.1	35.1	34.2	35.1
Ginnings	10,883	91,167	144,723	246,773	527,176	202,275	521,762

1/ Lower in grade than the lowest grade of the official standards.

\* Less than 0.05 percent.



Table 10. -- Percentage distribution of mike ranges for upland cotton classed through specified periods, by states and United States, crop of 1983

Period prior to:	Mike ranges						Average mike	
	26 and below	27-29	30-32	33-34	35-49	50-52		53 and above
ALABAMA								
October 1	-	0.1	-	-	99.1	0.6	0.1	43
November 1	-	*	*	0.1	76.1	18.5	5.2	46
December 1	-	*	0.3	0.4	71.8	20.3	7.2	47
January 1	*	0.1	0.4	0.5	72.5	19.5	7.0	46
Crop	*	0.1	0.6	0.7	72.6	19.2	6.9	46
ARIZONA								
October 1	-	-	0.4	0.4	97.6	1.6	-	45
November 1	*	0.1	0.5	0.5	77.5	18.4	3.1	46
December 1	*	0.1	0.7	0.8	69.7	23.0	5.6	47
January 1	0.1	0.7	2.0	1.7	60.4	20.6	4.8	46
Crop	0.2	1.1	2.7	2.3	70.0	19.3	4.4	45
ARKANSAS								
October 1	*	-	0.1	0.1	94.7	4.8	0.3	44
November 1	*	-	*	0.1	94.2	5.3	0.4	45
December 1	*	0.1	0.5	0.7	92.4	5.8	0.5	45
January 1	*	0.1	0.7	0.9	92.0	5.7	0.5	45
Crop	*	0.2	0.7	0.9	92.0	5.7	0.5	44
CALIFORNIA								
October 1	-	-	-	-	100.0	-	-	43
November 1	*	0.1	0.5	1.1	97.4	0.7	0.1	42
December 1	0.1	0.6	1.5	2.0	94.7	1.0	0.1	42
January 1	0.2	0.8	1.8	2.2	93.8	1.0	0.1	42
Crop	0.2	0.8	1.9	2.2	93.7	1.1	0.1	42

Table 10. -- Continued

Period prior to:	Mike ranges						Average mike	
	26 and below	27-29	30-32	33-34	35-49	50-52		53 and above
GEORGIA								
October 1	-	-	-	2.6	83.3	7.9	6.2	44
November 1	-	-	0.5	1.4	87.6	7.7	2.9	44
December 1	*	*	0.5	1.3	87.0	9.0	2.1	44
January 1	*	0.1	0.6	1.4	87.7	8.3	1.9	44
Crop	0.1	0.2	0.8	1.7	87.7	7.8	1.8	44
LOUISIANA								
October 1	-	-	0.1	0.2	90.5	8.2	1.0	44
November 1	*	*	*	0.1	79.6	16.6	3.6	47
December 1	*	0.2	1.0	1.2	81.7	13.3	2.7	45
January 1	*	0.3	1.4	1.6	81.1	12.9	2.7	45
Crop	*	0.3	1.5	1.7	81.0	12.8	2.6	45
MISSISSIPPI								
October 1	-	*	0.1	0.2	89.7	8.9	1.1	45
November 1	*	*	*	0.2	91.8	7.3	0.7	45
December 1	*	0.2	1.0	1.1	90.5	6.4	0.8	44
January 1	*	0.3	1.3	1.2	90.0	6.3	0.8	44
Crop	*	0.3	1.3	1.3	90.0	6.3	0.8	44
MISSOURI								
October 1	*	-	0.1	0.5	90.7	7.2	1.4	44
November 1	*	*	0.2	0.6	92.3	5.9	0.9	44
December 1	*	*	0.2	0.6	92.1	6.1	1.0	44
January 1	*	*	0.2	0.6	92.1	6.1	1.0	44
Crop	*	*	0.2	0.6	92.1	6.1	1.0	44

Table 10. -- Continued

Period prior to:	Mike ranges						Average mike
	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above
<u>NEW MEXICO</u>							
October 1	-	-	-	-	-	-	-
November 1	-	-	-	-	-	-	-
December 1	0.3	1.4	4.2	4.9	89.2	0.1	40
January 1	0.7	3.1	6.7	6.8	82.6	0.1	39
Crop	0.7	3.3	7.3	7.1	81.4	0.1	38
<u>NORTH CAROLINA</u>							
October 1	-	-	-	3.7	93.7	2.6	42
November 1	-	*	0.7	1.6	93.7	3.4	43
December 1	-	*	0.5	1.2	93.2	4.4	43
January 1	-	*	0.4	1.2	92.6	5.0	43
Crop	-	*	0.4	1.2	92.6	5.0	43
<u>OKLAHOMA</u>							
October 1	-	-	-	-	-	-	-
November 1	0.1	0.4	0.7	2.5	90.8	5.4	43
December 1	0.3	1.1	3.2	4.9	88.7	1.6	41
January 1	0.6	1.5	3.5	4.5	88.4	1.4	41
Crop	0.7	1.5	3.5	4.4	88.2	1.4	41
<u>SOUTH CAROLINA</u>							
October 1	-	-	4.9	9.4	84.5	1.2	41
November 1	-	0.5	6.4	10.3	82.0	0.7	39
December 1	-	0.5	6.4	9.7	82.8	0.6	39
January 1	-	0.5	6.2	9.5	83.1	0.6	39
Crop	-	0.5	6.2	9.5	83.1	0.7	39



Table 10. -- Continued

Period prior to:	Mike ranges						Average mike	
	26 and below	27-29	30-32	33-34	35-49	50-52		
TENNESSEE								
October 1	-	-	-	-	86.4	12.3	1.3	47
November 1	-	-	*	*	90.4	8.5	1.1	46
December 1	*	*	0.1	0.1	90.7	7.9	1.1	46
January 1	*	0.1	0.2	0.2	90.6	7.9	1.1	46
Crop	*	0.1	0.2	0.2	90.6	7.8	1.1	46
TEXAS								
October 1	0.4	1.1	2.6	2.8	83.0	8.6	1.4	43
November 1	0.3	1.3	3.3	3.9	83.6	6.5	1.0	42
December 1	0.8	3.2	6.4	6.4	79.2	3.5	0.5	40
January 1	1.3	4.1	7.7	7.4	76.8	2.3	0.4	39
Crop	1.3	4.0	7.5	7.3	77.3	2.2	0.3	39
OTHER STATES								
October 1	-	-	-	-	-	-	-	-
November 1	-	-	0.3	1.4	92.5	5.0	0.8	42
December 1	-	-	0.1	0.3	70.7	24.1	4.9	47
January 1	0.1	0.3	0.8	0.8	77.6	17.0	3.4	45
Crop	0.1	1.0	2.0	2.2	75.8	15.7	3.1	45
UNITED STATES								
October 1	0.3	0.9	2.2	2.4	84.7	8.2	1.3	44
November 1	0.1	0.4	1.1	1.5	87.9	7.6	1.3	44
December 1	0.2	1.0	2.4	2.7	85.7	6.7	1.3	43
January 1	0.5	1.7	3.5	3.6	83.8	5.8	1.2	42
Crop	0.5	1.7	3.6	3.7	83.7	5.7	1.1	42

\* Less than 0.05 percent.

\* Less than 0.05 percent.

Table 11. -- Percentage distribution of mike ranges for upland cotton classed in the United States,  
by marketing services offices, crop of 1983

Marketing Services Office	Mike ranges						Average mike	
	26 and below	27-29	30-32	33-34	35-49	50-52		53 and above
Abilene	*	0.2	1.0	2.5	95.1	1.2	0.1	41
Altus	0.5	1.3	3.6	4.7	88.7	1.0	0.2	40
Bakersfield	0.1	0.6	1.5	1.5	96.2	0.1	*	42
Birmingham	*	0.2	0.7	0.8	72.8	19.0	6.6	46
Corpus Christi	*	0.1	0.6	1.0	83.9	11.5	3.0	45
El Centro	0.3	1.3	2.5	1.8	78.8	12.9	2.3	44
El Paso	0.5	2.5	5.7	5.8	85.0	0.4	0.1	40
Florence	-	0.3	3.5	5.6	87.5	2.7	0.4	41
Fresno	0.3	0.9	2.1	2.9	93.7	0.2	*	41
Greenwood	*	0.3	1.3	1.3	90.3	6.2	0.5	44
Harlingen	0.5	1.2	2.2	2.0	83.7	9.6	0.8	44
Hayti	*	*	0.2	0.4	93.7	5.1	0.6	44
Lamesa	0.2	1.1	4.8	7.4	86.0	0.4	0.1	39
Little Rock	*	0.2	0.9	1.2	90.6	6.4	0.6	45
Lubbock	2.7	8.4	14.1	11.9	62.8	0.2	*	36
Macon	0.1	0.2	0.8	1.7	87.7	7.8	1.8	44
Memphis	*	0.1	0.4	0.4	89.8	7.5	1.8	45
Phoenix	0.1	0.9	2.3	1.9	68.4	21.4	4.9	46
Waco	0.5	1.8	4.7	5.3	84.5	2.9	0.3	41
Winnsboro	*	0.3	1.5	1.7	81.0	12.8	2.6	45
United States	0.5	1.7	3.6	3.7	83.7	5.7	1.1	42

\* Less than 0.05 percent.

Table 12. -- Percentage distribution of fiber strength groupings for upland cotton classed through specified periods, by states and United States, crop of 1983

Period prior to:	Fiber strength, 1/8" gage (grams per tex)								Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above	
ALABAMA									
October 1	-	-	-	0.4	35.4	56.7	7.5	-	26.0
November 1	-	-	0.8	7.3	30.7	43.3	16.8	1.1	26.0
December 1	-	-	1.3	9.9	34.1	39.6	14.3	0.7	25.7
January 1	-	-	1.3	9.9	34.1	39.6	14.3	0.7	25.7
Crop	-	-	1.3	9.9	34.1	39.6	14.3	0.7	25.7
ARIZONA									
October 1	-	-	-	-	-	-	-	-	-
November 1	-	0.2	1.8	8.1	27.2	34.0	22.0	6.7	26.2
December 1	*	0.1	2.2	13.7	28.5	34.4	16.5	4.6	25.8
January 1	*	0.1	2.0	12.1	28.6	31.7	18.3	7.1	26.0
Crop	*	0.1	2.0	12.1	28.6	31.7	18.3	7.1	26.0
ARKANSAS									
October 1	-	-	0.3	3.6	30.4	33.9	24.0	7.8	26.5
November 1	-	-	1.5	8.9	38.1	38.7	10.9	1.9	25.6
December 1	-	-	2.3	10.7	40.3	35.8	9.6	1.3	25.4
January 1	-	-	2.3	10.7	40.3	35.8	9.6	1.3	25.4
Crop	-	-	2.3	10.7	40.3	35.8	9.6	1.3	25.4
CALIFORNIA									
October 1	-	-	-	-	-	-	-	-	-
November 1	-	-	-	0.1	5.6	26.1	45.7	22.4	28.3
December 1	-	0.1	0.1	0.8	6.5	30.0	40.2	22.3	28.1
January 1	-	0.1	0.2	1.4	7.6	29.9	39.0	21.8	28.0
Crop	-	0.1	0.2	1.4	7.6	29.9	39.0	21.8	28.0



Table 12. -- Continued

Period prior to:	Fiber strength, 1/8" gage (grams per tex)							Average strength	
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29		30 and above
<u>GEORGIA</u>									
October 1	-	-	-	5.9	47.6	39.4	7.1	-	25.4
November 1	-	-	-	4.1	36.5	44.3	12.3	2.9	25.9
December 1	-	0.2	1.5	19.2	41.7	29.5	7.0	1.0	25.0
January 1	-	0.1	1.2	17.9	39.4	30.7	9.5	1.2	25.1
Crop	-	0.1	1.2	17.9	39.4	30.7	9.5	1.2	25.1
<u>LOUISIANA</u>									
October 1	-	1.8	-	13.0	33.2	42.7	9.3	-	25.3
November 1	-	*	0.5	2.8	38.3	54.4	4.0	*	25.7
December 1	-	*	1.9	10.8	39.4	38.8	7.9	1.1	25.4
January 1	-	*	1.9	10.8	39.4	38.8	7.9	1.1	25.4
Crop	-	*	1.9	10.8	39.4	38.8	7.9	1.1	25.4
<u>MISSISSIPPI</u>									
October 1	-	1.0	2.1	6.8	61.0	26.3	2.7	0.1	24.9
November 1	-	*	*	9.3	46.6	39.0	4.5	0.4	25.3
December 1	-	*	1.5	13.0	46.2	35.3	3.7	0.4	25.0
January 1	-	*	1.5	13.0	46.2	35.3	3.7	0.4	25.0
Crop	-	*	1.5	13.0	46.2	35.3	3.7	0.4	25.0
<u>MISSOURI</u>									
October 1	-	-	-	5.0	26.3	43.2	24.1	1.4	26.3
November 1	-	-	0.3	12.5	39.6	34.9	11.4	1.3	25.5
December 1	-	-	0.3	13.2	40.0	34.4	10.8	1.3	25.4
January 1	-	-	0.3	13.2	40.0	34.4	10.8	1.3	25.4
Crop	-	-	0.3	13.2	40.0	34.4	10.8	1.3	25.4

Table 12. -- Continued

Period prior to:	Fiber strength, 1/8" gage (grams per tex)							Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30 and above
<u>NEW MEXICO</u>								
October 1	-	-	-	-	-	-	-	-
November 1	-	-	-	-	-	-	-	-
December 1	*	0.1	0.3	2.4	10.1	29.1	35.5	22.5
January 1	0.1	0.1	0.6	5.8	17.4	31.4	29.0	15.6
Crop	0.1	0.1	0.6	5.8	17.4	31.4	29.0	15.6
<u>NORTH CAROLINA</u>								
October 1	-	-	-	-	-	-	-	-
November 1	-	-	1.2	7.5	30.4	36.4	21.3	3.2
December 1	-	0.4	1.2	15.5	36.6	32.2	12.1	2.1
January 1	-	0.4	1.2	15.5	36.6	32.2	12.1	2.1
Crop	-	0.4	1.2	15.5	36.6	32.2	12.1	2.1
<u>OKLAHOMA</u>								
October 1	-	-	-	-	-	-	-	-
November 1	0.6	3.0	6.9	15.2	31.5	29.0	10.7	3.1
December 1	0.4	2.3	8.7	25.3	34.4	21.3	5.9	1.6
January 1	0.3	1.4	7.3	23.7	34.2	23.4	7.8	1.9
Crop	0.3	1.4	7.5	23.7	33.7	23.5	8.0	1.9
<u>SOUTH CAROLINA</u>								
October 1	-	-	-	-	-	-	-	-
November 1	-	-	0.6	7.8	31.7	40.7	16.3	2.9
December 1	-	-	0.6	12.6	34.4	37.1	13.3	2.1
January 1	-	-	0.6	12.6	34.4	37.1	13.3	2.1
Crop	-	-	0.6	12.6	34.4	37.1	13.3	2.1

Table 12. -- Continued

Period prior to:	Fiber strength, 1/8" gage (grams per tex)							Average strength	
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29		30 and above
TENNESSEE									
October 1	-	-	1.1	16.3	42.8	27.6	11.3	0.9	25.2
November 1	-	0.2	2.4	19.2	48.9	24.1	4.9	0.2	24.7
December 1	-	0.3	4.5	22.5	46.5	21.7	4.3	0.2	24.5
January 1	-	0.3	4.5	22.5	46.5	21.7	4.3	0.2	24.5
Crop	-	0.3	4.5	22.5	46.5	21.7	4.3	0.2	24.5
TEXAS									
October 1	0.1	1.5	15.1	39.4	31.4	10.3	1.9	0.3	23.3
November 1	0.1	1.4	13.5	37.4	32.8	11.8	2.5	0.6	23.5
December 1	0.1	1.1	11.0	31.9	32.6	16.2	5.3	1.7	24.0
January 1	0.1	0.8	7.9	25.0	32.1	21.7	9.1	3.3	24.6
Crop	0.1	0.8	7.7	24.8	32.1	21.8	9.2	3.4	24.7
UNITED STATES									
October 1	0.1	1.4	14.2	37.4	31.7	11.8	2.9	0.5	23.5
November 1	*	0.5	5.2	18.4	35.6	28.9	9.0	2.5	25.0
December 1	*	0.3	3.6	14.3	29.5	29.3	16.0	7.0	25.7
January 1	*	0.4	3.6	14.6	29.6	28.9	15.9	6.9	25.7
Crop	*	0.4	3.7	14.9	29.7	28.7	15.7	6.8	25.7

\* Less than 0.05 percent.

Table 13. -- Percentage distribution of fiber strength groupings for upland cotton classed in the United States, by marketing services offices, crop of 1983

Marketing Services Office	Fiber strength, 1/8" gage (grams per tex)							Average strength	
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29		30 and above
Abilene	0.3	1.9	16.1	40.2	31.1	8.8	1.4	0.2	23.2
Altus	0.2	1.6	8.4	24.7	33.1	22.4	7.7	1.9	24.4
Bakersfield	-	-	-	0.4	6.7	32.6	40.7	19.6	28.0
Birmingham	-	-	1.3	9.9	34.1	39.6	14.3	0.7	25.7
Corpus Christi	0.2	2.8	22.7	41.7	24.3	7.0	1.1	0.1	22.8
El Centro	-	0.2	2.4	15.8	36.1	28.8	13.4	3.3	25.4
El Paso	0.1	0.3	4.0	19.7	27.4	23.3	17.2	8.1	25.6
Florence	-	0.2	0.8	13.8	35.3	35.0	12.8	2.1	25.5
Fresno	-	0.1	0.1	0.4	4.9	28.2	40.6	25.7	28.3
Greenwood	-	*	1.4	12.5	46.3	35.7	3.6	0.4	25.1
Harlingen	*	0.5	9.5	39.3	36.8	11.7	1.9	0.2	23.6
Hayti	-	-	0.9	12.3	38.8	35.3	11.2	1.6	25.5
Lamesa	*	0.3	3.3	13.9	26.2	26.7	17.7	11.8	26.1
Little Rock	-	-	2.7	9.6	40.9	36.4	9.2	1.2	25.4
Lubbock	0.1	0.3	2.8	15.0	33.1	30.8	13.8	4.1	25.5
Macon	-	0.1	1.2	17.9	39.4	30.7	9.5	1.2	25.1
Memphis	-	0.2	3.5	21.0	46.0	24.9	4.3	0.2	24.6
Phoenix	-	0.1	1.8	11.1	27.2	32.3	19.6	7.9	26.2
Waco	0.1	1.1	10.6	32.7	36.6	15.2	3.1	0.5	23.8
Winnsboro	-	*	1.9	10.8	39.4	38.8	7.9	1.1	25.4
United States	*	0.4	3.7	14.9	29.7	28.7	15.7	6.8	25.7

\* Less than 0.05 percent.



Table 14. -- Grade and staple of American Pima cotton ginned  
in the United States, 1983-84

Grade	Staple					All staples	
	40 and shorter	42	44	46	48 and longer		
	Bales	Bales	Bales	Bales	Bales	Bales	Percent
01	-	-	-	-	-	-	-
02	-	-	1	37	-	38	*
03	-	-	184	9,918	8	10,110	11.1
04	-	-	1,165	50,185	125	51,475	56.6
05	3	14	2,040	19,148	57	21,262	23.4
06	1	51	1,237	2,954	2	4,245	4.7
07	-	50	926	435	-	1,411	1.6
08	5	110	663	123	-	901	1.0
09	10	130	311	83	-	534	0.6
10	11	386	492	37	-	926	1.0
All grades	30	741	7,019	82,920	192	90,902 <u>1/</u>	100.0

	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	
All grades	*	0.8	7.7	91.2	0.2	100.0	

1/ As reported by the Bureau of the Census, running bales.

\* Less than 0.05 percent.

Average grade..... 4.4

Average staple..... 45.8

Pct. grade reductions 1.5

Table 15. -- Percentage distribution of grade and staple for American Pima cotton classed  
through specified periods in the United States, 1983-84

Grade and Staple	Prior to			Crop
	November 1	December 1	January 1	
<u>Grade</u>				
01	-	-	-	-
02	-	0.1	0.1	*
03	-	17.4	13.4	11.1
04	-	69.5	62.0	56.6
05	-	11.9	20.3	23.4
06	-	0.8	3.0	4.7
07	-	0.1	0.7	1.6
08	-	*	0.3	1.0
09	-	*	0.1	0.6
10	-	*	0.1	1.0

All grades	-	100.0	100.0	100.0
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<u>Staple</u>				
40 and shorter	-	*	*	*
42	-	*	0.1	0.8
44	-	0.8	3.5	7.7
46	-	99.0	96.2	91.2
48 and longer	-	0.2	0.2	0.2
All staples	-	100.0	100.0	100.0

Ginnings	4,933	50,070	82,427	90,902 <u>1/</u>
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1/ As reported by the Bureau of the Census, running bales.

\* Less than 0.05 percent.

Table 16. -- Percentage distribution of grade and staple for American Pima cotton classed, by states, 1983-84 1/

Grade	Staple					All staples
	40 and shorter	42	44	46	48 and longer	
<u>ARIZONA</u>						
01	-	-	-	-	-	-
02	-	-	-	*	-	*
03	-	-	*	8.7	-	8.7
04	-	-	0.3	58.4	*	58.7
05	-	*	0.9	19.8	*	20.8
06	-	*	1.5	4.6	*	6.1
07	-	*	1.8	0.9	-	2.7
08	*	0.1	1.4	0.2	-	1.7
09	*	0.1	0.4	0.1	-	0.6
10	*	0.2	0.4	*	-	0.6
All grades	*	0.5	6.7	92.7	*	100.0

1/ Ginnings, Bureau of the Census, 45,946 running bales. Average grade..... 4.5  
Average staple..... 45.8  
\* Less than 0.05 percent. Percent grade reductions. 2.3

<u>NEW MEXICO</u>						
01	-	-	-	-	-	-
02	-	-	-	*	-	*
03	-	-	0.4	20.0	*	20.4
04	-	-	0.9	59.8	0.4	61.1
05	*	-	0.4	14.5	0.1	15.0
06	-	-	0.2	1.0	-	1.2
07	-	0.1	0.1	0.1	-	0.2
08	-	0.3	*	*	-	0.3
09	-	0.1	0.4	0.3	-	0.8
10	-	0.5	0.4	*	-	0.9
All grades	*	1.0	2.9	95.6	0.5	100.0

1/ Ginnings, Bureau of the Census, 6,605 running bales. Average grade..... 4.1  
Average staple..... 45.9  
\* Less than 0.05 percent. Percent grade reductions. 0.5

<u>TEXAS</u>						
01	-	-	-	-	-	-
02	-	-	*	0.1	-	0.1
03	-	-	0.4	12.0	*	12.4
04	-	-	2.5	50.6	0.3	53.4
05	*	*	4.1	23.7	0.1	27.9
06	*	0.1	1.3	2.1	*	3.5
07	-	0.1	0.3	0.1	-	0.4
08	*	0.1	0.1	*	-	0.2
09	-	0.2	0.3	0.1	-	0.5
10	*	0.7	0.8	*	-	1.6
All grades	*	1.2	9.7	88.7	0.4	100.0

1/ Ginnings, Bureau of the Census, 38,351 running bales. Average grade..... 4.4  
Average staple..... 45.8  
\* Less than 0.05 percent. Percent grade reductions. 0.7

Table 17. -- Percentage distribution of mike for American Pima cotton classed in the United States, by states, crop of 1983

Reading	State			United States
	Arizona	New Mexico	Texas	
26 and below	*	0.2	0.1	0.1
27	0.1	0.3	0.3	0.2
28	0.2	0.8	0.9	0.5
29	0.4	1.2	1.6	1.0
30	0.9	2.0	2.8	1.8
31	1.7	2.7	3.3	2.4
32	2.1	4.3	5.2	3.6
33	2.5	3.4	4.9	3.6
34	3.0	5.8	7.5	5.1
35	6.4	4.9	6.5	6.3
36	7.0	7.7	9.0	7.9
37	8.5	6.6	7.5	7.9
38	9.7	9.0	9.7	9.6
39	11.6	7.4	7.4	9.5
40	11.0	10.7	8.9	10.1
41	11.5	7.3	6.3	9.0
42	9.5	7.9	6.9	8.3
43	6.7	4.9	3.7	5.3
44	4.4	5.2	3.7	4.2
45	1.8	2.7	1.7	1.8
46	0.7	2.8	1.3	1.1
47	0.2	0.7	0.3	0.3
48	0.1	0.8	0.3	0.2
49	*	0.3	0.1	0.1
50 and above	*	0.3	*	*
Average mike	39	38	37	38

\* Less than 0.05 percent.







